

MILWAUKEE COUNTY
AUTOMATED MAPPING AND
LAND INFORMATION SYSTEM

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 427
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176

MEMORANDUM

TO:

FROM: William C. Shaw, MCAMLIS Project Manager

DATE:

SUBJECT: MCAMLIS 69th Steering Committee Meeting Minutes

Enclosed please find the following materials attached to the minutes of November 28th Steering Committee meeting.

- I. Meeting Agenda
- II. Meeting Minutes of the 69th Steering Committee meeting held November 28th, 2006
- III. Reports
 - A. Update on the Milwaukee County street address and cadastral map maintenance operations.
 - B. Update on City of Milwaukee cadastral map maintenance operations (to be distributed at the meeting)
 - C. Update materials related to the MCAMLIS Enterprise Address Project.
 - D. Report on the status of License Agreements executed on behalf of the Utilities Subcommittee.
 - E. Update materials related to the FY2006 Wisconsin Land Information Program.
 - F. Report on the MCAMLIS Topographic Mapping project.
 - G. Report on the status of the Regional Water Study.
 - H. Report on the status of MCAMLIS Floodland Mapping Project.
 - I. Update on the MCAMLIS 2007 Budget Request.

- V. Old Business
 - A. Consideration of MCAMLIS staff recommendation to the MCAMLIS Steering Committee regarding the acquisition of oblique 'Pictometry' image products.
- VI. New Business
 - A. 2007 agreement for MCAMLIS project management and map maintenance services between MCAMLIS and Milwaukee County DTPW.
 - B. 2007 agreement for MCAMLIS fiscal oversight between MCAMLIS and Milwaukee County DAS.
 - C. 2007 agreement for Milwaukee County Surveyor services between MCAMLIS and SEWRPC.
 - D. 2007 agreement for map maintenance services between MCAMLIS and the City of Milwaukee.
- VI. Correspondence
 - A. Letter from Ms. Karen Jander, Head, Serials Department, University of Wisconsin- Milwaukee Libraries to Mr. William Shaw, MCAMLIS Project Manager regarding the non-commercial use of MCAMLIS data.
 - B. Letter from Michael F. Pertner, Chairman, Milwaukee Area Public Works Officials Association to Mr. Bill Shaw, MCAMLIS Project Manager regarding a MCAMLIS presentation given to the MAPWOA meeting held 9/21/2006.
 - C. Email note from Tracy P. Gillian, P.E., Marquette Interchange Project Design Project Manager to Mr. Greg High, P.E. Director, AE&ES Division, Milwaukee County DTPW regarding the MCAMLIS Topographic Mapping completion schedule.

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**MILWAUKEE COUNTY AUTOMATED MAPPING
AND LAND INFORMATION SYSTEM**

Sixty-Ninth Steering Committee Meeting

AGENDA

DATE: Tuesday, November 28, 2006

TIME: 9:00 a.m.

PLACE: Milwaukee County City Campus
2711 W. Wells Street
Room 349
Milwaukee, Wisconsin

I. Roll Call

II. Meeting Minutes

Consideration of the minutes of the 68th Steering Committee meeting
held August 22nd, 2006.

III. Reports

- A. Report by Milwaukee County Register of Deeds staff on MCAMLIS street address and cadastral map maintenance operations.
- B. Report by City of Milwaukee staff on MCAMLIS cadastral map maintenance operations.
- C. Report by MCAMLIS staff on the MCAMLIS Enterprise Address Project.
- D. Report by MCAMLIS staff on the status of License Agreements executed on behalf of the Utilities Subcommittee.
- E. Report by MCAMLIS staff on updates to the Wisconsin Land Information Program.
- F. Report by SEWRPC staff on the MCAMLIS Topographic Mapping project.
- G. Report by SEWRPC staff on the status of the Regional Water Study.
- H. Report by SEWRPC staff on the status of MCAMLIS Floodland Mapping Project.
- I. Report by Milwaukee County staff on the 2007 MCAMLIS Budget and Fiscal report on MCAMLIS through 2006. (Fiscal Report to be provided at the meeting)

IV. Old Business

- A. Consideration of MCAMLIS staff recommendation to the MCAMLIS Steering Committee regarding the acquisition of oblique 'Pictometry' image products. (Report to be provided at the meeting)

V. New Business

- A. Consideration of a 2007 agreement for MCAMLIS project management and map maintenance services between MCAMLIS and Milwaukee County DTPW.
- B. Consideration of a 2007 agreement for MCAMLIS fiscal oversight between MCAMLIS and Milwaukee County DAS.
- C. Consideration of a 2007 agreement for Milwaukee County Surveyor services between MCAMLIS and SEWRPC.
- D. Consideration of a 2007 agreement for map maintenance services between MCAMLIS and the City of Milwaukee.
- E. The appointment of a nominating committee to recommend a slate of officers to the Steering Committee at it's next regular meeting.

VI. Correspondence

- A. Letter from Ms. Karen Jander, Head, Serials Department, University of Wisconsin- Milwaukee Libraries to Mr. William Shaw, MCAMLIS Project Manager regarding the non-commercial use of MCAMLIS data.
- B. Letter from Michael F. Pertner, Chairman, Milwaukee Area Public Works Officials Association to Mr. Bill Shaw, MCAMLIS Project Manager regarding a MCAMLIS presentation given to the MAPWOA meeting held 9/21/2006.
- C. Email note from Tracy P. Gillian, P.E., Marquette Interchange Project Design Project Manager to Mr. Greg High, P.E. Director, AE&ES Division, Milwaukee County DTPW regarding the MCAMLIS Topographic Mapping completion schedule.

VII. Date, time, and place of next meeting

VIII. Adjournment

MINUTES OF THE 69TH MEETING
Milwaukee County Automated Mapping and Land Information System
Steering Committee

Date: Tuesday, November 28th, 2006
Time: 9:00 a.m.
Place: Milwaukee County City Campus
2711 W. Wells Street
Room 349
Milwaukee, Wisconsin 53208

Members Present

Kurt W. Bauer, Chairman	Milwaukee County Surveyor
John L. La Fave, LIO	Milwaukee County Register of Deeds
John C. Place	Manager Maps and Records, We Energies
Gregory G. High	Director, Architecture, Engineering and Environmental Services Division, Milwaukee County Department of Transportation and Public Works, representing the Director, Milwaukee County Department of Transportation and Public Works
Donald R. Nehmer, Vice Chair	Capital Program Business Manager, Milwaukee Metropolitan Sewerage District
Nancy A. Olson	Enterprise Information Manager, Information and Technology Management Division, City of Milwaukee
Michael Compton	Department of Administrative Services, representing Linda J. Seemeyer, Director, Milwaukee County Department of Administrative Services

Members Absent

Donald L. Coe	Supervisor, Facilities Location, Customer Operations, We Energies
Kevin S. Anderson	Design Area Manager, Milwaukee Metro North SBC Ameritech-Wisconsin
John M. Bennett	City Engineer, City of Franklin, representing the Intergovernmental Coordinating Council of Milwaukee County

Guests and Staff Present

Marcia Lindholm	City of Milwaukee, DPW Division of Infrastructure Services
Tammy Bronson	City of Milwaukee, Information and Technology Management Division
Gary Drent	Fiscal and Budget Manager, Milwaukee County, A,E & ES DTPW
Kathleen A. Bach	Milwaukee County Register of Deeds Office
Kevin Bruhn	Milwaukee County DTPW

William C. Shaw
Reinhard G. Meihnsner

MCAMLIS Project Manager, Milwaukee County DTPW
SDS

I. ROLL CALL

The sixty-ninth meeting of the Milwaukee County Automated Mapping and Land Information System (MCAMLS) Steering Committee was called to order by Chairman Bauer at 9:00 a.m. Roll Call was taken by circulating an attendance signature sheet and a quorum was declared present.

II. CONSIDERATION OF THE MINUTES OF THE 68TH STEERING COMMITTEE MEETING HELD AUGUST 22ND, 2006

K. Bauer: noted that on pg. 6, V(b) that a motion can not be made by the chair. The motion was then reviewed as part of the minutes and was re-affirmed by consensus.

**N.Olson: Motion: to approve the minutes
Second, G.High, Motion carried, unanimous**

III. REPORTS

III(a). Report by Milwaukee County Register of Deeds staff on MCAMLIS street address and cadastral map maintenance operations.

K. Bach: reported that the status maps included with the meeting materials are up to date, noting that the areas in gray signify communities that have not been heard of from this year, adding that West Milwaukee is now current and she is working on more recent information received from Greenfield. She is also expecting to receive updates from Fox Point leaving only South Milwaukee the lone community that has not been heard from this year.

W. Shaw: offered that he thought that the improved response was in-part due to the MCAMLIS EAS Project. Adding that this was a good sign.

K. Bauer: asked, what approach could be taken with South Milwaukee and suggested that there may be a need for further contact..

W. Shaw: offered that in other areas South Milwaukee has not been entirely non-responsive. Noting that MCAMLIS has been in communication to provide them various data products.

K. Bach: further reporting, that the cadastral map status is current as of October 1, 2006 and that mapping staff are working on documents recorded in October to November.

K. Bauer: stated for the minutes, that the reports were accepted by consensus and will be placed on file

III(b). Report by City of Milwaukee staff on MCAMLIS cadastral map maintenance operations.

N. Olson: provided that she did not have materials for this meeting. Adding that at the next MCAMLIS meeting she expected to have all of the data converted to the standard format and the City will then begin maintenance operations.

K. Bauer: stated for the minutes, that the report was accepted as given.

III(c). Report by MCAMLIS staff on the MCAMLIS Enterprise Address Project.

W. Shaw: reported that the items provided in the meeting materials were also provided to each addressing authority in Milwaukee County. A series of workshops was conducted on November 15th & 16th by MCAMLIS staff and assisted by Jim Bennett of InfoGeographics Inc. A total of four workshops were conducted on these two days. The workshops were well received, having a total of 44 people in attendance. There were only 3 communities that were not represented in some way, these included River Hills, South Milwaukee and Hales Corners. Hales Corners has since replied and indicated that they were interested but they were not able to attend. In addition, River Hills is now showing some interest in participating leaving only South Milwaukee. Mr. Shaw felt that the project kickoff meetings provided a way to open the door for everyone to discuss how each community currently maintains and manages their addresses, how they would envision an enterprise address system evolution in Milwaukee County and what their overall expectations were. Adding that the next step was to compile notes from the meetings and to share them with the participants. Based on the information gathered, he expected to formulate a project work plan including milestones and would make this available at the next MCAMLIS meeting.

J. Place: asked Mr. Shaw about some of the problems he expected to resolve through a standardized approach and if he could share with the Committee some of the major inconsistencies among the communities?

W. Shaw: in response, stated that the issue is simply that there is not a standardized approach to how address information is managed and made ready for more advanced applications. Adding that for example the City of Milwaukee manages address data differently from the City of West Allis and/or the City of Franklin yet there are many applications e.g., permitting, fire, police, EMS etc. that require current address data across these jurisdictions. Further stating that a Countywide EAS would expect to build a consensus regarding finding solutions and to have the communities either share their existing standards or work with MCAMLIS to develop new standards. Emphasizing that the EAS Project is not expecting to create rigid standards that would require changes in how communities operate within their own systems. Adding the possibility that if developing new standards were found to be necessary, each community may then choose to adopt these for themselves as they normally make adjustments to their current operations. Mr. Shaw then stated that the EAS Project is not expecting to incur any direct cost, our approach would be to focus on transparency. His overriding sense was that the representatives of the Milwaukee County Addressing Authorities were in agreement that there needs to be a definitive and reliable place to manage countywide addressing.

N. Olson: indicated that she was surprised that many of the communities did not have addressing systems available to them. Adding that the City of Milwaukee has 300,000 address in it's database and uses these extensively across city government. Further questioning how other community's managed without a similar source of data?

W. Shaw: concluded that this was an opportunity for MCAMLIS to get it's message in front of the communities and to present what MCAMLIS does and what our plans are for the future. Adding that he felt that the message was well received.

K. Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(d) Report by MCAMLIS staff on the status of License Agreements executed on behalf of the Utilities Subcommittee.

W. Shaw: reported that the meeting materials included a copy of a report showing license activity dating from 2004 thru late October 2006. The materials included a list of licensee data requests for MCAMLIS data through this period. Noting that there was an increase of activity in 2006 regarding licensing and that there appeared to be a growing emphasis on acquiring digital data for a range of projects. Further speculating that this may signal what could possibly be coming through the door in the future. He also pointed out that the report analysis showed who was asking for materials over time and what types of data products had been requested including details from the beginning of April'06 through the end of 2006. Further noting that there was activity in all areas of MCAMLIS mapping products, but perhaps more so in cadastral data requests due to the recent implementation of a more uniform way of managing and producing cadastral information. Concluding that there was a significant amount of activity related to providing data directly to Milwaukee County communities.

J. LaFave: inquired whether requestors inform MCAMLIS regarding the purpose of the request.

W. Shaw: replied that generally the Licensee provides some type of use information along with the request.

K. Bauer: stated that Milwaukee Seven will open their resource center in the old WE Energies headquarters building and that they would also be opening a website. He then inquired if they had requested data and if they were using MCAMLIS materials?

W. Shaw: in answer to Mr. Bauer stated that the Milwaukee Seven organization is represented within non-profit license holders and is actually licensed as Milwaukee Development Corporation. Further stating that they had

requested an updates of a range of MCAMLIS data products and these have all been provided. Adding that they are expected to request regular updates in the future.

K. Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(e). Report by MCAMLIS staff on updates to the Wisconsin Land Information Program

W. Shaw: provided information included with the meeting materials regarding activities of the Wisconsin Land Information Program. Briefly stating that there were modifications of the land information administrative rules where it is now possible to provide base budget grant awards to counties with retained fees below \$50,000. Adding that Milwaukee County is not eligible for these grants due to revenue above \$50,000. Noting that public hearings were held on August 2, 2006 and final approval by the Economic Development Consumer Affairs Committee is pending.

W. Shaw: then added that the State Program staff is in the initial stages of developing plans for 2007 and that he expects, but has not received, additional correspondence in this regard. Noting that Mr. Lafave normally forwards materials that pertain to the program to Mr. Shaw's attention. Adding that he had also included a State Report showing the annual retained fees for each County that participates in the WLIP. Noting that Milwaukee County is at the top of the revenue list, second is Dane County at nearly \$300,000 less than Milwaukee's annual earnings.

J. LaFave: noted that each County contributes \$2 of each recording fee to the State to fund these base budget grants. Further adding that the top three Counties (Milwaukee, Dane and Waukesha) are the principal source of funds supporting the grants to the rest of the counties. Concluding that these distributions help counties who otherwise wouldn't have much.

N. Olson: inquired as to the opportunity for the Milwaukee County to receive grant funds?

W. Shaw: replied that within the current Administrative Rules there is none. Adding that the Milwaukee County is eligible for a \$300 training grant, which is normally granted each year.

G. High: noted that there is a new State Geographic Information Officer.

W. Shaw: in response to Mr. High, informed the Committee that Mr. Dave Mockert was recently hired as the new Geographic Information Officer for the State. Adding that Mr. Mockert visited Milwaukee County and provided an opportunity for staff to discuss with him his plans for the State. Further adding that Mr. Mockert was able to talk to Ms. Olson's staff at the City of Milwaukee as well.

G. High: inquired about the working relationship between the State Cartographer's Office and the new State Geographic Information Officer. Noting that the State Cartographer is primarily concerned with mapping but questioned how this may be involved with geographic information?

W. Shaw: replied that there is not an organizational line between the two offices but that it is likely that the GIO takes under advisement information from the Wisconsin Land Information Association and the State Cartographer's Office regardless of the line of reporting. Further adding that from his earlier discussion with Mr. Mockert that it was Mr. Shaw's opinion that the GIO would be concentrating a lot of his effort on Homeland Security issues and possibly attempting to establish a means of collecting local information in order to consolidate this into a common access point for emergency management activities.

N. Olson: added that in her discussion, Mr. Mockert mentioned working with DOT and DNR in an attempt to coordinate data sharing between these agencies.

W. Shaw: noted that Mr. Mockert had offered to come to a MCAMLIS Steering Committee meeting and present his vision for the Land Information Program directly to the Committee.

K. Bauer: inquired whether the Committee wanted to request that Mr. Shaw invite Mr. Mockert to a future meeting to brief the committee?

J. LaFave: supported having Mr. Mockert come to a committee meeting. Adding that he had attended the earlier meeting with Mr. Mockert and that he found it interesting and that it might be helpful to have the Committee hear a similar information directly from the GIO.

K. Bauer: hearing no objections, instructed Mr. Shaw to invite Mr. Mockert to a future MCAMLIS Steering Committee meeting.

Secretary's Note: Mr. Dave Mockert, State of Wisconsin Geographic Information Officer has accepted an invitation to attend the MCAMLIS Steering Committee meeting scheduled for March 6th, 2007

K. Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(f). Report by SEWRPC staff on the MCAMLIS Topographic Mapping project

K. Bauer: stated that the meeting materials included a staff memorandum setting forth the status of the mapping project. Reporting that the status map attached to the report, describes an area where the digital terrain model and the topographic map files have been accepted and reviewed and, manuscript editing has been completed. Further stating that field checks in this area are in progress at the present time and samples of tile sheets are drawn and the details are being checked in the field. Further reporting that a second area is underway with field checks in progress and this will be completed by year-end. Concluding that the remaining portion of the project, with the exception of the Marquette Interchange and the Canal Street Corridor, is expected to be completed through Spring 2007.

W. Shaw: offered that MCAMLIS has received the first area even though the status maps indicate they are still in the process of being field checked. Further adding that MCAMLIS has received the majority of T5N-R21E including most of the City of Franklin. Adding that this is expected to be formally delivered to MCAMLIS in the Spring 2007, and that he has received a preliminary copy which has been made available to the City of Franklin. Also noting that included in the meeting materials is a correspondence regarding an exchange between Mr. High and the DOT project manager for the Marquette Interchange confirming that it is likely that the Topographic mapping for the Marquette Interchange will be completed using 2009 photography due to the current progress of the Marquette Interchange re-construction project.

K. Bauer: instructed Mr. High to watch this progress and if it were to sufficiently advance by the spring of 2008 MCAMLIS would have to know ahead of time, otherwise it would have to be the spring 2009.

N. Olson: inquired about how communities would be notified as new data becomes available?

W. Shaw: replied that he has not developed a mechanism to distribute preliminary data at this time. Adding that if any community requested topographic updates, that he would provide them the most current data. Further adding that at some point he would need to develop a means to notify each community and allow them to take delivery or wait until they needed it. Noting that in some cases the communities do not have a mapping organization and contract with engineering firms for their city engineering services.

K. Bauer: instructed Mr. Shaw to consider how/when to notify the communities. Suggesting that this would best be performed when the maps are completed. Requesting that Mr. Shaw report back to the Committee on this matter at a future meeting.

K. Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(g). Report SEWRPC staff on the status of the Regional Water Study.

K. Bauer: noted that the last page of the report included with the meeting materials has a bar chart, which shows the project progress.

K. Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(h). Report by SEWRPC staff on the status of MCAMLIS Floodland Mapping Project.

K. Bauer: noted that the last two pages of the report included with the meeting materials provide a summary of the report.

W. Shaw: noted that the floodland mapping was shown as substantially complete in Phase 1 for a number of items. Inquiring, as to what remains to be completed in this phase and whether the product was in a form that MCAMLIS could distribute?

K. Bauer: offered that he felt there were numerous problems with this project e.g., that some of this work is being driven by the FEMA requirements; that project staff resources are at times re-prioritized to serve individual community flood mapping data requests; and there were resource constraints due to sewer district(MMSD) requests to update the FEMA flood hazard maps in many communities. Further adding that he had issues regarding mapping being done on the old topographic maps. Stating that instead these should be compiled using the MCAMLIS maps that are now being delivered.

W. Shaw: observed that Mr. Daniels, City of West Allis Engineer was highly critical of the FEMA maps as they were presented to him from DNR because they did not represent what he thought was newer and more current data.

K. Bauer: offered that this raises the question about whether to go through the public review and hold meetings on maps that really will reflect very little or no change between what is now on file. Suggesting that this may be an issue that perhaps the MCAMLIS Committee would want to address at some future meeting when all the topographic maps have been delivered. At which time MCAMLIS would want to discuss potential uses for those maps.

W. Shaw: inquired about whether to expect newer mapping in Phase 2?

K. Bauer: instructed Mr. Shaw to convey this to Mike Hahn. Stating that he felt that where the Floodland mapping has not yet been completed, that it is his opinion, that this should be completed using the new topographic maps.

K. Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(i). Report by Milwaukee County Staff on the 2007 MCAMLIS Budget and Fiscal report on MCAMLIS through 2006.

M. Compton: provided the Committee with a copy of his report at the meeting. Reporting that Revenues and Expenditures as of 11/20/06 MCAMLIS show a balance of \$286,168.37. Further reporting that the authorized \$1 fee projects as provided by Mr. La Fave include balances of projects that are in progress and those that have been closed. Of these there were four completed projects dated 2002 and 2003 and four open projects that are still in development stages. Finally the \$4 fee projects shows two projects remaining with unpaid balances. Concluding that many of these projects are ongoing or in progress.

J. LaFave: requested that the notation regarding the \$1 fee projects "Data from John La Fave, Register of Deeds as of 8/21/06" should be as of 11/20/06. Noting that the MCAMLIS revenues depend on the number of documents recorded in the Register of Deeds Office which is expected to fall short of the estimated 216,000 by 3,000 to 7,500 documents. Adding that much of this shortfall will depend on staff performance thru the end of the year. Noting that falling short by 7,500 documents would amount to a \$30,000 shortfall in the \$4 retain fee portion.

K. Bauer: inquired as to whether the shortfall was due to fewer documents or to a backlog of documents that haven't been recorded?

J. LaFave: replied that both of these situations were true. Adding that the backlog is a result of staff inefficiencies as well as disruptions to his software system. Noting that he was using MCAMLIS authorized funds to hire a technical consultant to make recommendations for improvement to his system. Concluding that the current backlog is about 6 days with 23 business days remaining in the year.

K. Bauer: noted that MCAMLIS will receive the backlogged recording fees either this year or next but that he thought the more serious shortfall may be related to a decline in the number of documents that are presented for recording.

M. Compton: added that DAS would not close the 2006 books until the later in February. Adding that if the Register of Deeds was able to catch up with the backlog that the revenue could materialize and cover the budgeted target for '06.

K. Bauer: stated that the committee took action regarding the establishment of a reserve fund in the amount of \$110,000. Inquiring as to how or if this needs to be reflected in this fiscal report?

M. Compton: stated that the formal establishment of a segregated reserve would require County Board approval. Asking if this would be the recommendation of the Steering Committee to the County Board.

K. Bauer: instructed that this would be informal (not requiring County Board approval).

M. Compton: agreed to include a line in his report at the next meeting.

N. Olson: inquired as to why the budget document is presented at the meeting and not included in the materials prior to the meeting?.

M. Compton: apologized, adding that he will have it available in time for the distribution of the MCAMLIS packet

K. Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(j). Diggers Hotline

R. Meishner: updated the Committee on progress regarding Diggers Hotline. Reporting that the Diggers Hotline Board has met three times since the last MCAMLIS meeting. Adding that he had presented the Diggers Hotline report approved by the Steering Committee to the directors at Diggers Hotline and requested and received approval to proceed. He now plans to coordinate with Diggers Hotline personnel and finalize a contract agreement that will support implementation for Southeastern Wisconsin including Dane County. Further adding that this will be implementing the same process that was recommended in the report for all the counties in Southeastern Wisconsin. Adding that this represents most of the growth area in the State of Wisconsin and noting that the proposal includes a phase for Milwaukee Count, phase for the balance of Southeastern Wisconsin and a phase of the State of Wisconsin. Concluding that Diggers Hotline has agreed to at this time is to do all of Southeastern Wisconsin.

K. Bauer: requested that Mr. Meishner elaborate on what the project is expected to accomplish?

R. Meishner: offered that he intends to work with Mr. Bennett to get local ordinances passed, at the municipal level, requiring each municipality to forward new subdivision and CSM street and address information to the Register of Deeds Office as soon as they receive plan approval. Adding that ROD will be responsible to transmit this information on to Diggers Hotline. Speculating that this process will decrease the time it takes to update Diggers Hotline from months to little more than a week.

K. Bauer: wanted to know who would prepare the required model ordinance?

R. Meishner: replied that he intended to prepare the model ordinance.

K. Bauer: requested of the Committee whether it wanted to play a role in presenting this ordinance to the 19 municipalities in Milwaukee County.

W. Shaw: offered that he thought that it was in the best interest of the Committee to collaborate with Mr. Meishner to implement this project since it was closely related to the MCAMLIS EAS Project initiative.

K. Bauer: requested of the Committee whether it wanted to review and comment on the model ordinance? Recommending that he thought that the Committee should indicate whether they have an interest in that or not. Adding that he considers this a project that rests with Diggers Hotline.

N. Olson: noted that the City sits on the Digger's Hotline Board and that from her perspective it was not necessary for the Committee to oversee the ordinance process

G. High: suggested that the Committee would like to receive a Digger's Hotline status on future Committee agendas.

K. Bauer: stated that based on member comments that the Committee does not want to review the ordinance and that it wished to have an item placed on the agenda to keep the Committee informed of the progress.

IV OLD BUSINESS

IV(a). Consideration of MCAMLIS staff recommendation to the MCAMLIS Steering Committee regarding the acquisition of oblique "Pictometry" image products.

W. Shaw: presented a staff recommendation regarding a City of Milwaukee request for MCAMLIS to consider acquisition of the Pictometry oblique digital viewing system. Stating that the recommendation focused attention on Pictometry's ongoing value and utility regarding existing Milwaukee County mapping products including the digital orthographic, topographic and cadastral mapping programs. Further noting that the report and recommendation focuses on what adding Pictometry would mean to the MCAMLIS program rather than an evaluation of Pictometry's potential uses and benefits.

Continuing, Mr. Shaw noted that successful implementation would constitute an investment over many years requiring the need to provide ongoing funding for the current products in addition to this and possibly other obligations. He highlighted the opportunities for Pictometry's compatibility with existing MCAMLIS products and noted that the Pictometry product is not able to be directly integrated with previous products such that they can be viewed natively together. Notwithstanding he noted that there were considerable opportunities to make use of the product, and mentioned that some forms of mapped information could be viewed along with the Pictometry images and when used appropriately could be an advantage when applied in specific applications.

Further reporting that Pictometry provides a form of digital ortho-imagery that is loosely comparable to the MCAMLIS digital orthographic base. Adding that Pictometry orthographic mosaic images do not compare favorably with the precision of traditional large scale engineering and mapping applications. He noted that Pictometry has acknowledged this limitation and is taking action to incorporate more accurate ortho-rectification methods that utilize locally obtained elevation and survey control information. Adding that if these improvements are acceptable that there is the possibility of considering Pictometry's ortho-photo base products in future MCAMLIS image acquisitions and/or as part of the 2010 regional project.

Mr. Shaw discussed various deployment options noting that adding this product to the MCAMLIS suite will have an impact on the overall management of MCAMLIS data. Noting that there are three basis methods available to deploy Pictometry; (1) via a secure web access, (2) a local network, (3) via a standalone workstation. Further stating that MCAMLIS data is currently deployed using local network access on a client file server or standalone workstations in cases where municipalities do not have an appropriate network capability. Adding that regarding web access, MCAMLIS will be initiating the development of a secured web access capability as part of the Milwaukee County Land Information Plan.

Mr. Shaw then stated that there is no suitable web access capability available to deploy Pictometry at this time and that this would be at least 6 – 12 months away. Noting that staff believes that web deployment would provide the best method to make the technology available and afford the greatest overall benefit to users of the data. Adding that this approach would provide for a uniform ubiquitous user access that would minimize the need for managing ongoing support. Further adding that other approaches would present logistical and material issues regarding a non-web accessible product.

Mr. Shaw enumerated several of the issues that would need to be addressed e.g., determining who or what organizations would receive copies; establishing software and hardware capabilities and compatibilities; and/or determining whether there would be a need or desire for standardized HW/SW components. Continuing, that all 19 communities would be involved with this product and speculating that providing for the greatest benefit would present numerous logistical issues to be overcome. Adding that there would be costs beyond the initial product investment of between \$5,000 and \$10,000 to allow for web-enabling and ongoing costs between \$2,000 and \$5,000 a year to maintain the web environment. Emphasizing that a compelling reason for adopting a web deployment into the future would be that there would be no need to monitor usage and that users could have ready access to the product.

Mr. Shaw noted that MCAMLIS had considered Oblique Imagery in the Milwaukee County Land Information Plan under "Foundational Elements: Statewide standards", subparagraph "Geographic Reference Frameworks" item "Image Bases" where oblique imagery is included as a possible future product. Adding that this product is in accordance with the intent of the plan. Stating that for the period 2004 through 2006 that the Committee had authorized over \$235,000 in high-resolution ortho-photography including partial ortho-photography coverage in 2004, 2005, 2007 and in 2009. Further adding that the Committee has approved partial funding of 2007 ortho-photography which is heavily subsidized by the US Department of Homeland Security. Noting that 2009 will also begin the planning for the next Regional Planning Commission five year planning cycle. Concluding that based on efforts dating from 2004 thru 2010 that MCAMLIS has or will acquire some measure of ortho-photography in each year with the possible exceptions of 2006 and 2008.

Mr. Shaw further noted that in 2006, Microsoft Corporation purchased copies of Pictometry oblique images and making them available at no cost to the public through their Virtual Earth web-site. Further adding that these are the very same images that are being considered by the Committee at this meeting today. Noting that the City of Milwaukee Assessor's office has entered into a two year contract with Pictometry for this same imagery for limited use by assessors for \$8,016 a year.

Mr. Shaw then concluded by recommending three options to the Committee for consideration: option one, the county-wide assessor option, which would have the MCAMLIS Committee consider underwriting the City of Milwaukee Assessor's Pictometry contract for the first year of the City of Milwaukee contract. Noting that this would allow for an opportunity for MCAMLIS to further evaluate Pictometry for future purposes; option two, would have the MCAMLIS Committee consider further funding of the Assessor's contract into year two of contract and possibly acquire a county-wide license with Pictometry including a new 2008 flight. Noting that this option is recommended on the basis of a favorable finding by the Assessor's; and option three, recommends that MCAMLIS delay approval and negotiate a new contract as part of the SEWRPC 2010 regional planning cycle.

K. Bauer: inquired as to whether the assessor's Pictometry license would be available for the whole county?

W. Shaw: replied that availability would be restricted to assessor's across the entire county.

G. High: inquired as to whether there were other municipal assessors currently working with the City of Milwaukee?

N. Olson: stated that the City of Milwaukee Assessor has discussed this with other municipalities including Wauwatosa and Cudahy.

N. Olson: adding that she was disappointed that the staff appeared to ignore the advantages of the Pictometry product for purposes of county-wide access which would include planning and development, MMSD, etc. Noting that rather than viewing Pictometry as a competing product she would consider it more appropriately as an addition to the existing MCAMLIS products allowing the ability for municipalities who do not currently have the capability to use MCAMLIS data to participate by using the parcel map etc. Adding that even though the City of Milwaukee has a robust GIS capability there are many areas within the City of Milwaukee where she expects that this product would improve usage of all MCAMLIS data including the existing digital ortho-photography. Concluding that Pictometry is an appropriate product to add to the MCAMLIS suite of products and that the Committee should consider it, if not immediately for county-wide, then at a later date.

J. LaFave: asked if the staff was recommending that MCAMLIS minimally fund the City of Milwaukee's Assessors office first year?

W. Shaw: replied, that Mr. LaFave is correct.

J. LaFave: asked Ms. Olson if she would recommend a different license be purchased that goes beyond the assessors?

N. Olson: replied, that the City of Milwaukee Assessor entered into this agreement with Pictometry for use only to assessors for \$8,016. Adding that to purchase the product for the entire county for all the municipalities and to include development and planning, public safety, engineering departments, etc. the cost is \$47,000 annually.

G. High: recalled that when Pictometry came up previously that the discussion focused on usage by the Sheriff. Noting that from the standpoint of public safety it would be possible to evaluate the faces of the buildings as opposed to the tops of the building and that this was viewed as an enhanced tool for security. Asking if the assessors use is similar?

N. Olson: replied that there were numerous examples where Pictometry would enhance the ability to correctly assess properties without needing to go into the field. Adding that with traditional ortho-photography an assessor may observe three properties that look identical each having a small extension on the back of the house. But when you look at it from an oblique perspective you can see that one of them is a concrete slab, one of them is a carport with open sides and one is a full three season porch. Noting that from the assessor's standpoint this allows them to more accurately assess properties and save time in the field.

D. Nehmer: asked how would the county-wide product be deployed?

N. Olson: stated that deployment would require loading it on a network and making it available.

W. Shaw: stated that he believed that some municipalities would be unable to provide service across their networks. Adding that he had spoken with the GIS manager in Rock County, WI and Johnson County, MI and both had stated that they had experienced performance problems due to the size of the files being brought across their networks. Further adding that simple 'pans' across the Pictometry image require constant data accesses across the network. Noting that Pictometry recommends that each workstation (not network) installation have a local disk drive capable of storing the entire set of data thus alleviating the need to draw large amounts of data across the network.

N. Olson: stated that the City of Milwaukee Assessor's copy was installed on their network.

W. Shaw: commenting that the options recommended by staff constitute a progression of steps that allow the opportunity to evaluate the findings of the County's Assessor offices. Adding that assessment practices would be a very good application to test the utility of this product for the purposes that Ms. Olson has identified. Further adding that if the County's Assessor Offices are able to easily assimilate this into their operations that it would serve as proof of concept and there would be no questions about it being of benefit in other areas. Further commenting that if the decision was to unilaterally bring it on board and say "here it is" experience has shown that the capability inherent within Pictometry won't be fully utilized. Adding that MCAMLIS could then find itself in the position to have to further promote and support the new product in order to make organizations more aware of it's capabilities or alternatively it would just sit on the shelf.

Motion J. LaFave: moved to adopt option 1 which is set forth on page 7 of the staff recommendation, providing for MCAMLIS to fund \$8,016 for the 1st year, permitting the product to be utilized not only by the City of Milwaukee Assessor but

also by the assessors in other Milwaukee County communities. Approval of this option allows that the Committee would then consider further options after evaluation of the County Assessor's experience thru the 1st year.

Second, G.High, Motion carried unanimous

V. New Business

V(a). Consideration for a 2007 agreement for MCAMLIS project management and map maintenance services between MCAMLIS and Milwaukee County DTPW.

W. Shaw: introduced a renewal to an agreement between MCAMLIS and Milwaukee County DTPW outlining the scope of work provided by the County to the MCAMLIS Steering Committee. Adding that this agreement is substantially the same except that this work is beginning January 1, 2007 thru December 31, 2007. Further stating that the agreement is for \$303,000 , \$214,000 is assignable to DTPW for support of MCAMLIS staff and other incidental activities and the MCAMLIS Cadastral and street maintenance performed by the Register Of Deeds for a cost of \$89,000.

Motion N. Olson: moved to accept the agreement for the \$303,000

Second, J. LaFave: Motion carried unanimous

V(b) Consideration of a 2007 agreement for MCAMLIS fiscal oversight between MCAMLIS and Milwaukee County DAS

M. Compton: offered that this is a standard contract between MCAMLIS and DAS for support provided to perform contracting, monitoring, financial management and reporting to the MCAMLIS Steering Committee. Adding that it is for the full 2007 fiscal year.

Motion J. LaFave: moved to adopt agreement

Second, G. High, Motion carried unanimous

V (c). Consideration of a 2007 agreement for Milwaukee County Surveyor services between MCAMLIS and SEWRPC

Motion N. Olson: moved to adopt agreement

Second, G. High, Motion carried unanimous

V(d). Consideration of a 2007 agreement for map maintenance services between MCAMLIS and the City of Milwaukee

N. Olson: explained that the agreement was for a period of from July 1, 2007 to December 31, 2007 . Offering that an earlier agreement approved by the committee in February covered the 1st six months of the year and this agreement will cover the remainder of 2007.

Motion J. LaFave: moved to adopt agreement

Second, G. High, Motion carried unanimous

V(e) The appointment of a nominating committee to recommend a slate of officers to the Steering Committee at it's next regular meeting.

K. Bauer: stated that he would ask Mr. Bennett to Chair the committee, ask Mr. LaFave if he would be willing to serve on it and Mr. Nehmer to serve on it. Noting that in the absence of Mr. Bennett that he would need to be informed of his assigned duties.

VI. Correspondence

VI(a). Letter from Ms Karen Jander, Head, Serials Department, University of Wisconsin-Milwaukee Libraries to Mr. William Shaw, MCAMLIS Project Manager regarding the non-commercial use of MCAMLIS data.

W. Shaw: explaining that prior to our August 22, 2006 meeting he had a conversation with Ms. Karen Jander of UWM-Milwaukee Libraries and as with previous attempts she wanted to know if there was an opportunity for Committee to reconsider the indemnification clause included as part of the MCAMLIS license agreement. Ms. Jander contends that this clause is causing the UWM-Milwaukee libraries to annually purchase a \$2,900 insurance policy to protect them against the liabilities of any unauthorized distribution of our data by a student. Mr. Shaw noted that he understood that the committee has taken this up in the past and that it is again being brought to the Committee's attention. Further noting that it has been 2 years since the Committee considered this.

K Bauer: remarked that in addition to revisiting the licensing agreement provisions at some future meeting, that this issue rests primarily with the utilities. Noting that reconvening the utilities sub-committee may be required at some future time which would necessitate getting AT&T involved. He inquired why the committee couldn't waive that part of clause 7 that relates to indemnification. Adding that the Committee may want to ask Mr. Shaw to look into doing just that and determine if there is a way to provide balance to the policy. Further noting that it would remain up to the Committee to enforce the policy but that Ms. Jander appears to feel that if part of that clause was struck she wouldn't be required to purchase insurance .

N. Olson: questioned whether striking the clause would effectively hold the Committee responsible?

J. Place: suggested that perhaps this is something our legal staff would want to review.

W. Shaw: asked Mr. Place if this would be something that We Energies legal staff could review and bring back to the Committee?

J. Place: agreed to ask We Energies legal department to consider this matter.

M.Compton: offered that he would see that Milwaukee County Corporation Counsel provided their opinion as well.

K. Bauer: noted that the Committee has requested DAS and We Energies to contact corporation counsel to get their advice as to how MCAMLIS could possibly help the University. He instructed Mr. Shaw to notify Ms. Jander and inform her that the committee is sympathetic to her plight and is looking into ways to find relief for the University.

VI(b). Letter from Michael F. Pertner, Chairman, Milwaukee Area Public Works Officials Associations to Mr. Bill Shaw, MCAMLIS Project Manager regarding a MCAMLIS presentation given to the MAPWOA meeting held 9/21/2006.

VI(c). Email note from Tracy P. Gillian, P.E. Marquette Interchange Project Design Project manager to Mr. Greg High, P.E. Director, AE&ES Division, Milwaukee County DTPW regarding the MCAMLIS Topographic Mapping completion schedule.

K. Bauer: instructed Mr. High to watch out for the possibility to compile in the Spring 2008 instead of 2009.

VII Date, time and place of next meeting

W. Shaw: requested that the next meeting be held Tuesday, March 6, 2007 @ 9:00 am City Campus, room 349

VIII Adjournment

Motion N. Olson: moved to adjourn

Second, J. Lafave, Motion carried unanimous

Meeting is adjourned

Respectfully submitted

William C. Shaw
MCAMLIS Project Manager

R.21 E.

R.22 E.

MCAMLIS

Address Database

Maintenance Status

November 2006 Status



January 1, 2005

January 1, 2006

T.8 N.

T.7 N.

T.6 N.

T.5 N.

Brown Deer

River Hills

Bayside

Fox Point

Glendale

Whitefish Bay

Shorewood

Wauwatosa

Milwaukee

West Milwaukee

West Allis

Greenfield

Hales Corners

Greendale

St. Francis

Cudahy

South Milwaukee

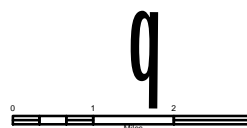
Franklin

Oak Creek

R.21 E.

R.22 E.

R.23 E.



Source: MCAMLIS Project Manager

R.21 E.

R.22 E.

MCAMLIS

Cadastral Database

Maintenance Status

November 2006 Status



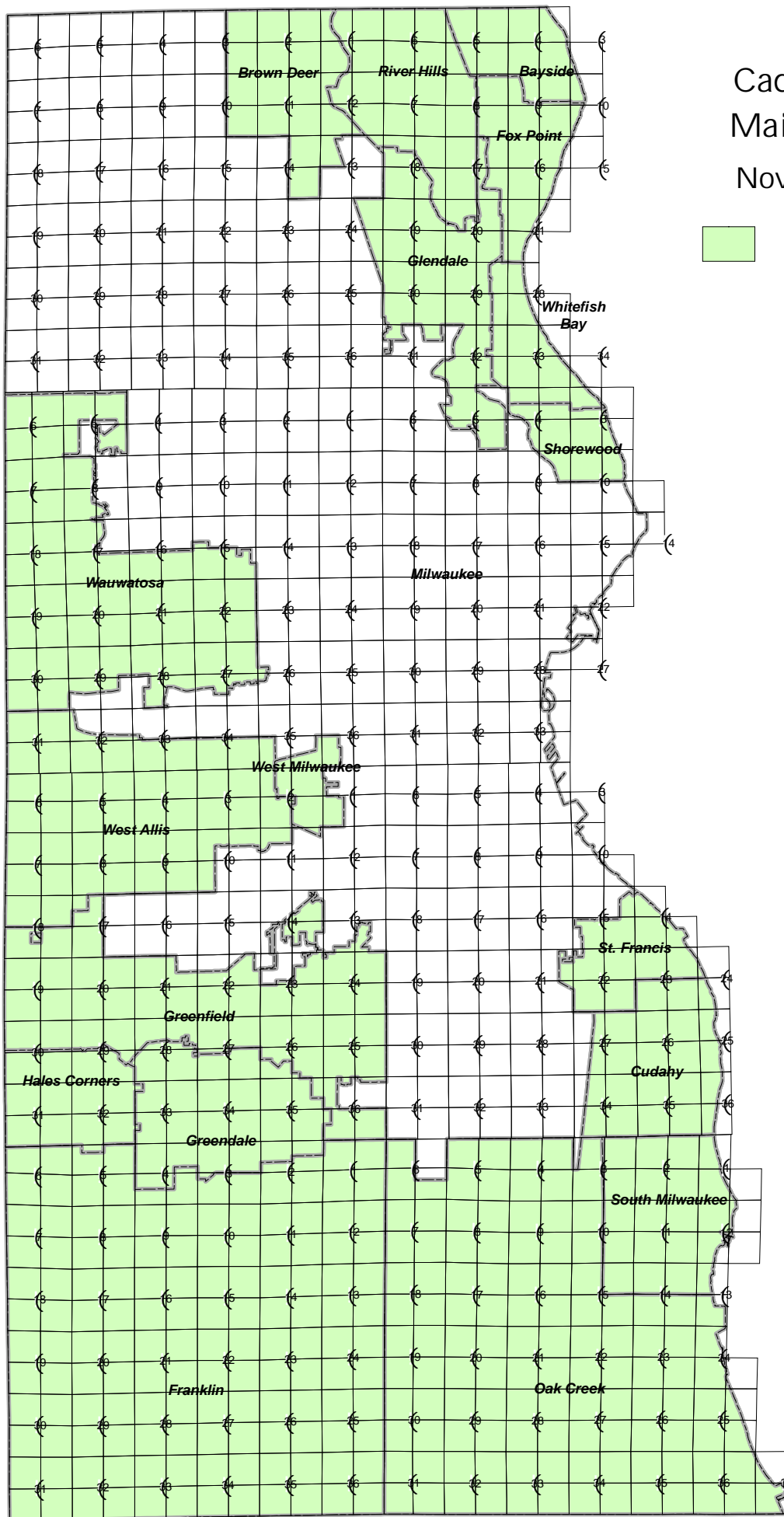
Current as of October 1, 2006

T.8 N.

T.7 N.

T.6 N.

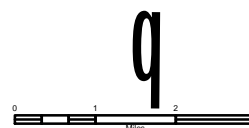
T.5 N.



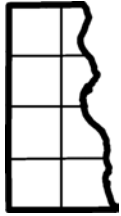
R.21 E.

R.22 E.

R.23 E.



Source: MCAMLIS Project Manager



MILWAUKEE COUNTY
AUTOMATED MAPPING AND
LAND INFORMATION SYSTEM

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 427
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176
Fax (414) 223-1982

November 1, 2006

To: **MILWAUKEE COUNTY GIS STAKEHOLDER ORGANIZATIONS**

Re: **NOTICE OF REQUEST FOR INPUT RELATED TO THE DEVELOPMENT AND
IMPLEMENTATION OF A MILWAUKEE COUNTY - ENTERPRISE ADDRESSING SYSTEM**

Who should participate?

You are receiving this notice because of your previous contact and/or involvement with the MCAMLIS Project. If you believe you are not among those in your organization who should participate in this project, please forward this notice to whomever in your organization that would be better positioned to represent the needs of your organization as they pertain to address creation, maintenance and/or usage.

What is MCAMLIS?

The Milwaukee County Automated Mapping and Land Information System (MCAMLIS) Project has been steadily building and converting key public and governmental information into geographically referenced (or location based) computerized information. These data are being used at the County, Municipal, Public Safety, and other organizations throughout the Milwaukee area that utilize Geographic Information System (GIS) technology to help them realize many operational and data quality benefits.

Why is this project important?

One of the next major stages of the MCAMLIS effort is to concentrate on standardizing and managing the address resources, services, and operations for all affected agencies in Milwaukee County. Addresses, perhaps more than any other location referencing information, can be a powerful integrating mechanism to serve many cross jurisdictional and departmental needs. However, to fully realize the many potential benefits, addresses must be created and maintained in standardized ways for the greatest possible quality, currency, and ultimate usage within our many systems and operations. Presently, addresses are assigned, maintained, and used by organizations throughout Milwaukee County without the benefit of a common framework.

What is an Enterprise Address System?

The solution to this situation is to establish an “Enterprise Addressing System” (EAS) that will bridge any gaps and provide a comprehensive approach to the management of this key information. This coordinated framework will include key processes, data, technology, and organizational components that will serve entire organizations as well as single agencies. The key goals and characteristics of the desired EAS are:

- *Enterprise Support* – taking into account all stakeholder interests.
- *Automated* – for access and maintenance of addressing information.
- *Current* – information to support user business processes.
- *Complete and Standardized* – enhanced quality and inconsistencies resolved.
- *Location Based* – to represent all physical address locations in Milwaukee County.
- *Accessible* – to users at all levels and in compatible formats.

To accomplish these goals, MCAMLIS Needs Your Input!

As the MCAMLIS Project Manager, I wish to meet with all parties who have a stake in the success of this project, go over the project and goals, and solicit input and information on data sources, processes, organizational requirements, and any other details that may help to build a world-class EAS that will serve all participants needs to the best possible ability.

Input Session schedule

A series of four(4), two(2) hour open meetings will be conducted over a two(2) day period on November 15th and 16th. The meetings will be held at the Greenfield Park Bathhouse Pavilion located at 2028 S. 124th Street in West Allis. A morning meeting (beginning at 9am) and an afternoon meeting (beginning at 2pm) is scheduled for each day. I hope that you and/or your staff will be available to attend one of these meetings. Please contact me with your meeting selection or if you have any questions or concerns, or would like to schedule a meeting with me at a more convenient time.

You and your organization have a valuable role to play in assisting with this important project, its success is ultimately guaranteed through participation. I look forward to working with you to ensure that success.

Best Regards,

William Shaw
MCAMLIS Project Manager

MCAMLIS YTD Digital Data Request Report

<i>Licensee</i>	<i>License Date</i>	<i>Date of Request</i>	<i>Product Requested</i>
Commercial Development	Commercial Engineering, Construction, Architectural firms		
CH2M Hill	5/13/1999		
		8/22/2006	Cadastral
CJ Engineering	5/26/2006		
		9/15/2006	TOPO
		5/26/2006	TOPO
		8/23/2006	TOPO
Eppstein Uhen Architects	7/2/1999		
		6/15/2006	Cadastral
Graef, Anhalt, Schloemer and Associates, Inc.	4/2/2003		
		9/22/2006	TOPO
Hammel, Green and Abrahamson, Inc.	4/24/2001		
		5/10/2006	Cadastral
		12/6/2006	TOPO
Jenkins Survey and Design, Inc.	7/23/2003		
		6/21/2006	TOPO
Lynn Bichler Architects	8/7/2006		
		8/7/2006	TOPO
Educational	Universities, School Districts		
University of Wisconsin-Madison	11/17/1998		
		10/2/2006	Ortho
Local Government	Municipality and Regional Government, Fire, Police		
City of Cudahy	1/2/1996		
		12/11/2006	Cadastral
		6/28/2006	Ortho
		12/11/2006	Cadastral
City of Franklin	6/20/1997		
		11/27/2006	TOPO
		2/5/2007	TOPO
		6/27/2006	Ortho
City of Glendale	7/29/1996		
		8/22/2006	Ortho
City of Greenfield	1/22/1997		
		2/20/2007	TOPO
		10/20/2006	Cadastral
		7/18/2006	Ortho

<i>Licensee</i>	<i>License Date</i>	<i>Date of Request</i>	<i>Product Requested</i>
City of Milwaukee	10/24/1995		
		7/24/2006	Cadastral
City of Oak Creek	11/29/1995		
		1/30/2007	Cadastral
		7/14/2006	Ortho
City of South Milwaukee	10/23/1997		
		7/20/2006	Ortho
City of St. Francis	12/8/1999		
		10/19/2006	Cadastral
		9/1/2006	Cadastral
		12/13/2006	Cadastral
		7/18/2006	Ortho
City of Wauwatosa	10/30/1996		
		8/4/2006	Ortho
		12/8/2006	Cadastral
City of West Allis	11/27/1995		
		7/26/2006	Ortho
Milwaukee Area Domestic Animal Control Commission (MADACC)	6/29/2006		
		10/17/2006	Address
		6/27/2006	Address
North Shore Communities	1/13/2003		
		10/19/2006	Ortho
Village of Bayside	10/25/1996		
		8/22/2006	Ortho
Village of Brown Deer	12/21/1995		
		8/22/2006	Ortho
Village of Fox Point	7/14/1998		
		9/19/2006	TOPO
		8/23/2006	Cadastral
		1/9/2007	Ortho
		1/25/2007	Cadastral
		8/3/2006	Ortho
Village of Greendale	11/13/2000		
		8/4/2006	Ortho
Village of Hales Corners	5/28/1997		
		2/20/2007	TOPO
		7/19/2006	Ortho
Village of River Hills	2/9/1999		
		8/22/2006	Ortho
Village of Shorewood	3/28/2001		
		2/16/2007	Ortho
		2/7/2007	Cadastral
		11/7/2006	Cadastral
		9/20/2006	Cadastral
		8/4/2006	Ortho

<i>Licensee</i>	<i>License Date</i>	<i>Date of Request</i>	<i>Product Requested</i>
Village of West Milwaukee	4/1/1997	10/31/2006	Cadastral
		8/4/2006	Ortho
Village of Whitefish Bay	3/31/1997	8/7/2006	Ortho
Non-Profits	Non-Profit organizations, community groups, Regional Development		
Guest House of Milwaukee	6/2/2006	6/2/2006	TOPO
Milwaukee Development Corporation	10/24/2006	12/8/2006	Address
		10/24/2006	Cadastral
Private Citizen	Any private citizen		
Adam John Spitz	9/29/2006	12/6/2006	TOPO
		10/2/2006	TOPO
Kevin Kolodziej	9/27/2006	9/27/2006	TOPO
Real Estate	Cemeteries, property management, sales, research		
First American Real Estate Solutions	8/21/2006	8/21/2006	Cadastral
Northwind Technical Services, Inc.	8/2/1999	6/26/2006	Cadastral
		8/21/2006	Cadastral
		12/11/2006	Cadastral
Resource Planning	GIS, environmental, legal, land information		
Hey and Associates, Inc.	10/22/2002	6/26/2006	TOPO
Kapur & Associates, Inc.	3/8/1999	6/7/2006	Cadastral
		1/11/2007	Cadastral
Symbiont	6/14/2006	6/14/2006	TOPO
Yaggy Colby and Associates	8/23/2002	10/16/2006	TOPO
		10/24/2006	TOPO
		9/28/2006	TOPO
Utility	Electric, Gas, Communication		
AT & T	10/1/1995	2/2/2007	Cadastral
		11/3/2006	Cadastral
Midwest Fiber Networks (Cable Com)	10/24/2006		

<i>Licensee</i>	<i>License Date</i>	<i>Date of Request</i>	<i>Product Requested</i>
Milwaukee Metropolitan Sewerage District	10/1/1995	10/24/2006	TOPO
		1/18/2007	TOPO
		1/3/2007	TOPO
		10/31/2006	TOPO
		7/21/2006	Ortho
We Energies	10/1/1995		
		7/24/2006	Ortho
		5/11/2006	Cadastral

EXECUTED LICENSE AGREEMENTS

*Number of
Executed
Agreements*

Licensee

*Effective
Date*

2004

101	Sigma Group	1/21/2004
102	TN & Associates	2/20/2004
103	Hayes Engineering Company	2/23/2004
104	Geocomm	3/30/2004
105	J. Spear Associates, Inc.	6/16/2004
106	Key engineering Group, Ltd.	7/21/2004
107	LandCraft Survey and Engineering, Inc.	8/26/2004
108	The Design Office	10/6/2004
109	Friebert, Finerty & St. John, S.C.	10/26/2004
110	Hiller Consulting, LLC	10/28/2004

2005

111	Lohmans Golf Design, Inc.	1/31/2005
112	Land Information Services, Inc.	4/1/2005
113	Workshop Architects	4/25/2005
114	Carlan Johnson	5/9/2005
132	American Transmission Company LLC	10/25/2005

2006

115	MATC Animation Program	3/14/2006
116	Losik Engineering Design Group	4/3/2006
121	CJ Engineering	5/26/2006
122	Earth Tech, Inc.	5/26/2006
123	Guest House of Milwaukee	6/2/2006
124	Symbiont	6/14/2006
125	Milwaukee Area Domestic Animal Control Commission (MADACC)	6/29/2006
126	Lynn Bichler Architects	8/7/2006
127	Kevin Kolodziej	9/27/2006
128	Adam John Spitz	9/29/2006
129	Midwest Fiber Networks (Cable Com)	10/24/2006

*Number of
Executed
Agreements*

Licensee

*Effective
Date*

130	Milwaukee Development Corporation	10/24/2006
131	Survey Associates, Inc	11/30/2006
135	Peter Nagel -University of Cincinnati	1/17/2006

2007

133	Hudson Map Company	1/2/2007
134	Daniel Hesketh	1/10/2007
136	Stephanie Valenta	1/30/2007

CORRESPONDENCE/MEMORANDUM

State of Wisconsin
Department of Administration
Division of Intergovernmental Relations

To: Wisconsin's County Land Information Officers

From: Mike Friis, Leader, Resource Policy Team

Date: October 9, 2006

Subject: Wisconsin Land Information Program Updates

As state fiscal year 2006 receipts are now all recorded and we are preparing for the next Land Information Program cycle, there are a number of developments I wanted to share with everyone. In our monthly meetings with representatives of the WLIA and LION groups, we have discussed the need to share information about the following topics with the state's Land Information Officers.

As always, please do not hesitate to contact me if you would like to discuss any of these or other land information projects. I can be reached at (608) 267 7982 or Michael.Friis@wisconsin.gov

Status of Administrative Rule Admin. 47

We are in the final stages of modifying the land information administrative rule Admin 47 to increase eligibility for base budget awards to counties with retained fees below \$50,000 and provide a new directive for DOA to consult with interested groups and citizens when making policy decisions about the grant program. The proposal also eliminates all references to the former Land Information Board. Along with hiring a state Geographic Information Officer, this modification is part of the agreement reached in 2004 by DOA, the Wisconsin Land Information Board and the Wisconsin Land Council and has been developed with full cooperation by WLIA and LION leaders.

The revision process was announced in the July, 2006, issue of the Wisconsin Administrative Register, and an optional public hearing was held on the proposed rule on August 2, 2006. Public comments were accepted at the hearing and in the mail until August 11, 2006. After addressing the public comments, the Department forwarded the rule on August 30 to the Legislative committees for their required review.

The Senate Job Creation, Economic Development and Consumer Affairs committee approved the rule without requesting any changes or a hearing and the rule is still awaiting final action in the state Assembly Urban and Local Affairs committee. We anticipate having more information about the final disposition within 2 weeks. Please contact me if you would like a copy of the rule or the public comments we received regarding the rule.

2007 Land Information Grant Cycle

DOA is in the initial stages of developing the plans for the 2007 land information grants. I have attached a copy of the retained fee schedule for fiscal year 2006 which ended on June 30, 2006. According to the administrative code, these figures are used by DOA to determine eligibility for base budget grants in FY2007. Because the pending changes in the proposed administrative rule determine grant eligibility, we will not be able to provide any certainty to county staff about grant eligibility until that matter is resolved and we have more complete information about current revenue. Despite this uncertainty, several members of the LION group have asked us to share this initial information at this time. We hope to be able to announce our plans for the 2007 grants in the near future.

Retained Fee Use

In response to questions we have received about the use of retained fees, please be aware that the statute and the signed form when submitting fees to the department require counties to attest that \$4 of each \$5 fee collected under s. 59.72(5), Wis. Stats. are used to develop, implement, and maintain the countywide plan for land records modernization.

Along with the state's Geographic Information Officer, Dave Mockert, I am planning to attend much of the WLIA quarterly meeting in Sturgeon Bay including the LION meeting on Friday morning. Please do not hesitate to grab us at the meeting with questions or comments.

Chart A
DOA LAND PROGRAMS - Revenues FY06
July 1, 2005 through June 30, 2006

<i>County</i>	<i>County Contributions</i>		<i>County-Retained Fees</i>	
Adams	\$	22,222	\$	44,444
Ashland	\$	9,574	\$	19,148
Barron	\$	27,238	\$	54,476
Bayfield	\$	14,160	\$	28,320
Brown	\$	128,978	\$	257,956
Buffalo	\$	7,434	\$	14,868
Burnett	\$	16,868	\$	33,736
Calumet	\$	25,934	\$	51,868
Chippewa	\$	33,310	\$	66,620
Clark	\$	16,820	\$	33,640
Columbia	\$	37,012	\$	74,024
Crawford	\$	8,176	\$	16,352
Dane	\$	267,372	\$	534,744
Dodge	\$	46,162	\$	92,324
Door	\$	26,628	\$	53,256
Douglas	\$	23,032	\$	46,064
Dunn	\$	21,358	\$	42,716
Eau Claire	\$	44,074	\$	88,148
Florence	\$	3,874	\$	7,748
Fond du Lac	\$	47,884	\$	95,768
Forest	\$	6,914	\$	13,828
Grant	\$	20,464	\$	40,928
Green	\$	22,796	\$	45,592
Green Lake	\$	12,782	\$	25,564
Iowa	\$	15,194	\$	30,388
Iron	\$	5,536	\$	11,072
Jackson	\$	12,006	\$	24,012
Jefferson	\$	47,362	\$	94,724
Juneau	\$	17,400	\$	34,800
Kenosha	\$	91,310	\$	182,620
Kewaunee	\$	10,514	\$	21,028
La Crosse	\$	54,642	\$	109,284
Lafayette	\$	9,932	\$	19,864
Langlade	\$	12,910	\$	25,820
Lincoln	\$	17,814	\$	35,628
Manitowoc	\$	40,350	\$	80,700
Marathon	\$	67,898	\$	135,796
Marinette	\$	28,322	\$	56,644
Marquette	\$	12,582	\$	25,164
Menominee	\$	1,334	\$	2,668
Milwaukee	\$	439,278	\$	878,556
Monroe	\$	23,472	\$	46,944
Oconto	\$	29,106	\$	58,212
Oneida	\$	33,278	\$	66,556
Outagamie	\$	93,444	\$	186,888
Ozaukee	\$	46,776	\$	93,552
Pepin	\$	4,820	\$	9,640
Pierce	\$	22,298	\$	44,596
Polk	\$	34,278	\$	68,556
Portage	\$	28,446	\$	56,892
Price	\$	10,142	\$	20,284
Racine	\$	109,032	\$	218,064
Richland	\$	10,104	\$	20,208
Rock	\$	85,346	\$	170,692
Rusk	\$	10,398	\$	20,796
St. Croix	\$	58,804	\$	117,608
Sauk	\$	68,422	\$	136,844
Sawyer	\$	16,464	\$	32,928
Shawano	\$	25,538	\$	51,076
Sheboygan	\$	64,878	\$	129,756
Taylor	\$	10,200	\$	20,400
Trempealeau	\$	16,228	\$	32,456
Vernon	\$	14,642	\$	29,284
Vilas	\$	24,582	\$	49,164
Walworth	\$	70,616	\$	141,232
Washburn	\$	14,666	\$	29,332
Washington	\$	76,628	\$	153,256
Waukesha	\$	215,828	\$	431,656
Waupaca	\$	32,124	\$	64,248
Waushara	\$	18,992	\$	37,984
Winnebago	\$	83,326	\$	166,652
Wood	\$	33,448	\$	66,896
TOTAL		\$3,161,776		\$6,323,552

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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: November 13, 2006

SUBJECT: STATUS OF THE MCAMLIS 2005 - 2006 TOPOGRAPHIC MAPPING PROJECT

Introduction

The Agreement between the MCAMLIS Steering Committee and the Southeastern Wisconsin Regional Planning Commission (SEWRPC) governing this project was executed on December 22, 2004, and work on this project has been underway since January 2005.

Digital Orthophotography

All digital orthophotography files have been delivered to Milwaukee County for distribution and use.

Digital Terrain Model Files and Digital Topographic Mapping

Digital topographic map files and digital terrain model files (DTMs) for this project are organized in digital files or "tiles" that each cover an area of 10,000 feet by 10,000 feet on the Wisconsin State Plane Coordinate System grid. There are a total of 93 tiles covering the entire County. The relationship of this tiling scheme to areas of the U.S. Public Land Survey System (USPLSS) and to the municipalities in Milwaukee County is shown on the map attached as Exhibit A. The completion status of DTMs and digital topographic mapping for USPLSS survey townships in Milwaukee County is described as follows:

T8N-R21E and T8N-R22E

These two survey townships generally cover the area north of the 410,000-foot northing line as shown on Exhibit A. There are a total of 24 tiles in this area. DTMs and digital topographic map files for all 24 tiles have been reviewed and tentatively accepted by Commission staff. Preliminary DTM files and digital topo files for all 24 tiles have been provided to Milwaukee County. Field checks are in progress by Commission staff and are expected to be completed by December 31, 2006.

T7N-R21E and T7N-R22E

These two survey townships generally cover the area between the 380,000-foot northing line and the 410,000-foot northing line as shown on Exhibit A. There are a total of 19 tiles in this area. This area contains the approximately 2.5-square-mile Marquette Interchange Reconstruction Project area where

DTMs and digital topographic mapping are not being collected at this time. Mapping for the Marquette Interchange area is expected to be completed in 2009.

All DTMs and digital topo files for these 19 tiles have been received by Commission staff. The DTM files have been reviewed by Commission staff and returned to the contractor for minor corrections. Initial review of the digital topographic mapping is in progress by Commission staff and is nearly completed. Field checks are in progress by Commission staff and are expected to be completed by December 31, 2006.

T6N-R21E and T6N-R22E

These two survey townships generally cover the area between the 350,000-foot northing line and the 380,000-foot northing line as shown on Exhibit A. There are a total of 20 tiles in this area. DTM files and digital topo files for 11 of the 20 tiles have been received by the Commission. The 11 DTM files have been reviewed and minor corrections have been noted but the files have not yet been returned to the contractor for corrections. Initial review of the 11 digital topo files is in progress by Commission staff and is nearly completed. The field checks for this area will be performed as soon as possible and should be completed in Spring 2007.

T5N-R21E, T5N-R22E, and T5N-R23E

These three survey townships generally cover the area south of the 350,000-foot northing line as shown on Exhibit A. There are a total of 30 tiles in this area. DTM files and digital topo files for 12 tiles in this area have been received and tentatively accepted by Commission staff. Preliminary DTM files and digital topo files for these 12 tiles have been provided to Milwaukee County. The field checks for this area will be performed as soon as possible and should be completed in Spring 2007.

The Agreement between the MCAMLIS Steering Committee and the SEWRPC calls for all of the work covered by the Agreement to be completed by June 30, 2007. At this time, there is no reason to believe that this schedule will not be met.

* * * * *

Exhibit A

Milwaukee County 2005-2006 Topographic Mapping Project

440,000 N

430,000 N

420,000 N

410,000 N

400,000 N

390,000 N

380,000 N

370,000 N

360,000 N

350,000 N

340,000 N

330,000 N

320,000 N

310,000 N

2,510,000 E

2,520,000 E

2,530,000 E

2,540,000 E

2,550,000 E

2,560,000 E

2,570,000 E

2,580,000 E

2,590,000 E

R 20 E R 21 E

R 21 E R 22 E

T 9 N

T 8 N

T 8 N

T 8 N

T 7 N

T 8 N

T 7 N

T 7 N

T 6 N

T 7 N

T 6 N

T 6 N

T 5 N

T 6 N

T 5 N

T 5 N

T 4 N

R 20 E R 21 E

R 21 E R 22 E

T 5 N

T 4 N



DTM and topo files tentatively accepted, field checks in progress



DTM and topo files under review, field checks in progress



DTM and topo files under review, field checks in Spring 2007

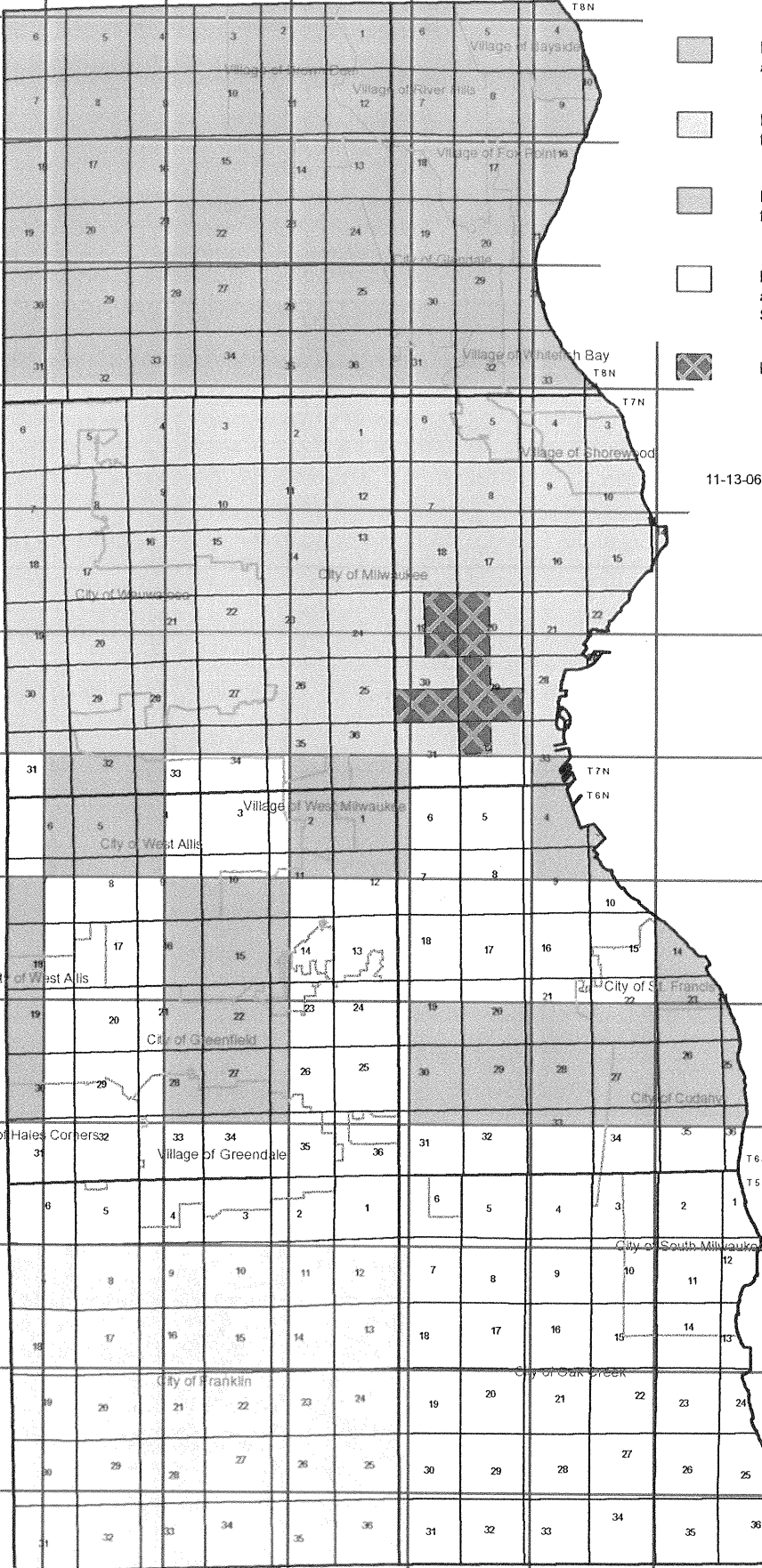


DTM and topo files tentatively accepted, field checks in Spring 2007



Marquette Interchange Area

11-13-06



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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: November 10, 2006

SUBJECT: STATUS REPORT NO. 5 ON REGIONAL WATER SUPPLY PLAN

This memorandum sets forth the progress made on the regional water supply planning program from July 1, 2006 through October 31, 2006. The preparation of the regional water supply plan represents the third, and final, element of the SEWRPC regional water supply planning program. The first two elements, comprising the development of basic groundwater inventories and the development of a groundwater simulation model for the Southeastern Wisconsin Region, were completed over the past several years. These first two elements involved interagency partnership programs with the U.S. Geological Survey, the Wisconsin Geological and Natural History Survey, the University of Wisconsin-Milwaukee, the Wisconsin Department of Natural Resources, and many of the water supply utilities serving the Region. The third, and final, step in the planning program, the preparation of the water supply plan, was initiated January of 2005.

Progress on the water supply plan has been focused on the completion of water supply system inventories, the preparation of the state-of-the-art water supply practices and water law reports, and the development of groundwater sustainability evaluation analyses procedures. On a separate parallel track, work has been completed on the new regional land use plan for 2035 which will serve as a basis for the development of the regional water supply plan. The 2035 land use plan, which is separately funded, was finalized and published during June 2006.

Progress on the water supply plan is summarized in the attached Exhibit 1 and in the following paragraphs.

STUDY ORGANIZATION

As previously reported, a cooperative staffing arrangement is being used, involving the Southeastern Wisconsin Regional Planning Commission (SEWRPC) staff, consulting engineering and legal firms, and the groundwater technical staffs of the Wisconsin Geological and Natural History Survey (WGNHS), the U.S. Geological Survey (USGS), and the University of Wisconsin-Milwaukee. The contractual arrangements were previously completed through agreements with groundwater technical staffs of the State and Federal agencies concerned, with a consulting engineering firm for carrying out portions of the work, and with a legal firm for a review of water supply laws.

ADVISORY COMMITTEE

The Regional Water Supply Planning Advisory Committee met on July 13, August 30, and October 11, 2006, to complete review the description of the existing water supply conditions in the Region, as documented in the draft of Chapter III of the planning report. The Committee also reviewed and approved the technology descriptions for small area and individual water systems, water transmission and storage facilities, and water system design standards, as documented in Chapters V, VIII, and IX of the state-of-the art water supply practices report. A staff memorandum was also reviewed on the methodology to be used for conducting groundwater sustainability analyses.

INVENTORIES

Work was completed on the inventory of water supply utility facilities, water use, and related information. That inventory has been documented in a planning report chapter. Work was also continued by the engineering consultant on the inventories needed to document the state-of-the-art of water supply management. In addition, work was completed on the water supply law inventory. That inventory has been documented in a preliminary draft report.

PLAN REPORT PREPARATION

Chapter III, "Existing Water Supply Conditions of the Region," of SEWRPC Planning Report No. 52, *A Regional Water Supply Plan for Southeastern Wisconsin*, was completed, reviewed by the Regional Water Supply Planning Advisory Committee, and revised to address the Committee review comments. As previously reported, Chapter I, "Introduction and Background," Chapter II, "Description of the Study Area," and Chapter V, "Planning Objectives, Principles, and Standards," have also been finalized to date. Chapter I, "Introduction," Chapter III, "Surface Water Treatment Technologies," Chapter IV, "Groundwater Withdrawal and Treatment Technologies," Chapter V, "Small Area and Individual Water Supply Systems," Chapter VI, "Artificial Groundwater Recharge and Management," and Chapter VIII, "Water Transmission and Storage Facilities," of SEWRPC Technical Report No. 43, *State-of-the-Art of Water Supply Practices*, were prepared and reviewed by the plan Advisory Committee and revised to reflect Committee review comments.

A preliminary draft of the report on water supply law, SEWRPC Technical Report No. 44, *Water Supply Law for Southeastern Wisconsin*, was completed and is under staff review.

OTHER ACTIVITIES

The Commission water supply planning website has been maintained. Three presentations on the planning program were made to government committees and staff. The Advisory Committee meeting minutes and report chapters are being placed on that site. The site also includes related presentations, reports, and other pertinent information.

* * *

Exhibit 1

STATUS OF REGIONAL WATER SUPPLY PLAN: OCTOBER 31, 2006

Work Element	Percent Complete				
	20	40	60	80	100
Study Design and Organization	<div><div></div></div>				
Formulation of Objectives and Standards	<div><div></div></div>				
Basic Study Area Inventories	<div><div></div></div>				
Groundwater Resources Data Inventories	<div><div></div></div>				
Water Supply System Inventories	<div><div></div></div>				
Water Law Inventory	<div><div></div></div>				
State-of-the-Art Water Supply Management Inventory and Analysis	<div><div></div></div>				
Analyses and Forecasts	<div><div></div></div>				
Preparation, Test, and Evaluation of Alternative Plans	<div><div></div></div>				
Plan Selection	<div><div></div></div>				
Plan Implementation	<div><div></div></div>				
Publication of Reports	<div><div></div></div>				
Public Involvement	<div><div></div></div>				

#122979 V1 - MCAMLIS RWSP STATUS REPORT NO. 5
 KWB/RPB/pk
 11/10/06

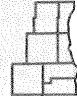
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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: November 9, 2006

**SUBJECT: STATUS REPORT NO. 15 ON PHASE I OF THE
MILWAUKEE COUNTY FLOODLAND MAPPING PROJECT**

This memorandum sets forth the progress made on Phase I of the Milwaukee County Floodland Mapping project from July 1, 2006 through October 31, 2006. That project phase includes all streams that are to be studied in the County, with the exception of those in the Root River watershed. This status report addresses project progress in the following three major areas:

- Data Acquisition
- Hydrologic and Hydraulic Modeling
- Floodland Map Preparation

Overall, the Phase I portion of the project is about 89 percent complete. Progress is summarized in the attached Exhibit 1 and is graphically summarized on the map attached hereto as Exhibit 2.

DATA ACQUISITION

During the period of July 1, 2006, through October 31, 2006, the following data acquisition activities were carried out:

- As indicated by Exhibit 1, data acquisition activities are substantially completed. When additional data needs are identified as work proceeds, the acquisition of the data is coordinated with the Milwaukee Metropolitan Sewerage District (MMSD), the Wisconsin Department of Natural Resources (WDNR), the Wisconsin Department of Transportation (WisDOT), and the pertinent communities.

HYDROLOGIC AND HYDRAULIC MODELING

During the reporting period, progress on hydrologic and hydraulic modeling for Phase I of the project included the following:

Menomonee River Watershed

- Work continued on the hydraulic modeling of Woods Creek.

Fish Creek Subwatershed

- The preliminary hydraulic model of Fish Creek was refined.

FLOODLAND MAP PREPARATION

Milwaukee River Watershed

- Work continued on refining preliminary draft floodplain boundaries along Brown Deer Park Creek for the 10-, 50-, 100-, and 500-year floods.

Fish Creek Subwatershed

- The preliminary 100-year floodplain boundary was delineated along Fish Creek.

PROPOSED SCHEDULE FOR COMPLETION OF PHASE I

The factors that have affected, and continue to affect, the schedule for completion of Phases I and II of this project were listed in Status Report No. 14, which covers the period from January 1, 2006 through June 30, 2006.

Based on those considerations, completion of Phase I of the floodplain mapping, including all studied streams in the Kinnickinnic, Menomonee, and Milwaukee River watersheds, is scheduled for December 31, 2007.

* * *

Exhibit 1

STATUS OF MCAMLIS PHASE I MILWAUKEE COUNTY FLOODLAND MAPPING PROJECT: OCTOBER 31, 2006

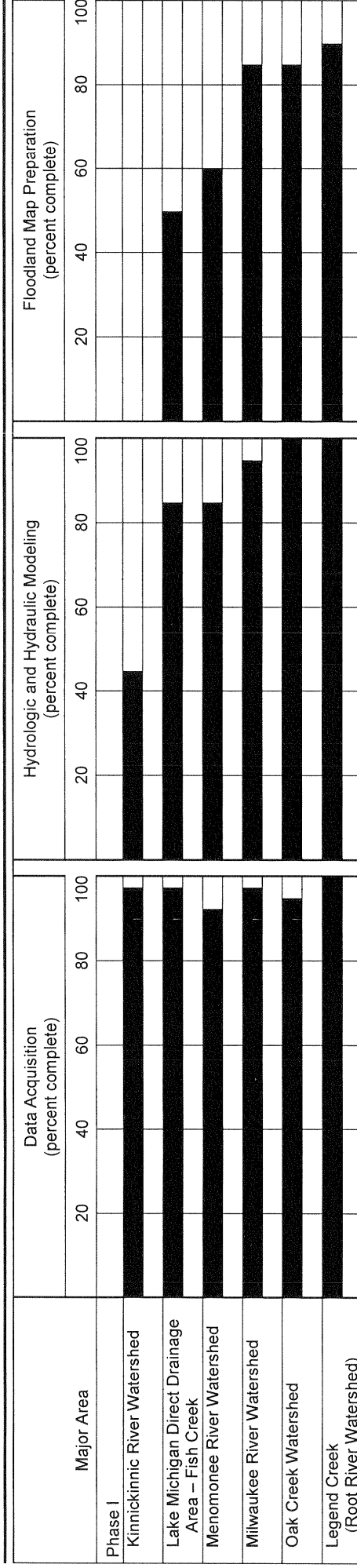
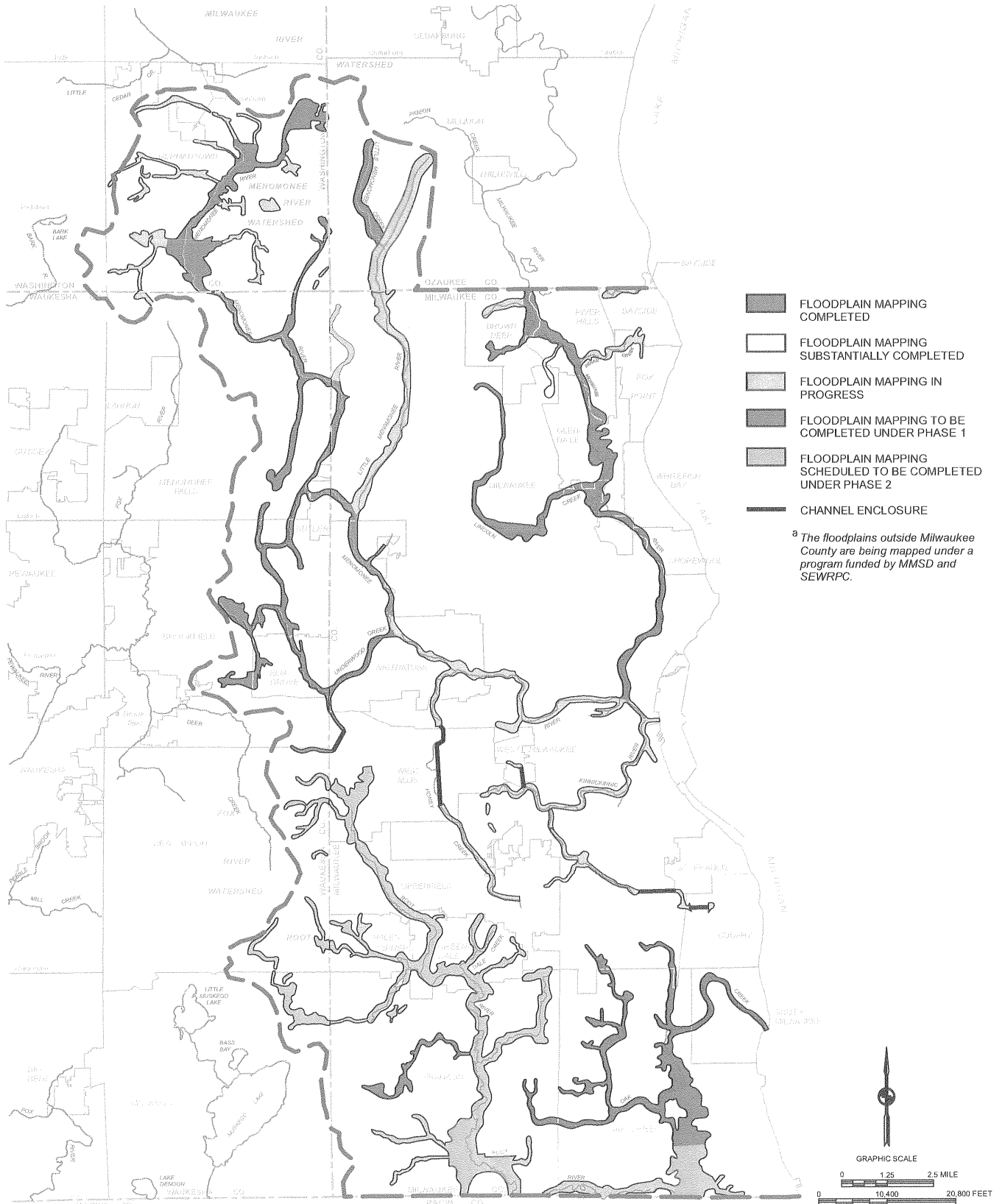


Exhibit 2

STATUS OF FLOODPLAIN MAPPING IN MILWAUKEE COUNTY AND IN MENOMONEE AND ROOT RIVER WATERSHEDS OUTSIDE MILWAUKEE COUNTY:^a OCTOBER 31, 2006



Source: SEWRPC.

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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: November 9, 2006

**SUBJECT: STATUS REPORT NO. 7 ON PHASE II OF THE MILWAUKEE COUNTY
FLOODLAND MAPPING PROJECT**

This memorandum sets forth the progress made on Phase II of the Milwaukee County Floodland Mapping project from July 1, 2006, through October 31, 2006. That project phase includes the streams that are to be studied in the County in the Root River watershed except for Legend Creek, which was studied under Phase I. In general, status reports will address project progress in the following three major areas and they will also identify major issues that have arisen.

- Data Acquisition
- Hydrologic and Hydraulic Modeling
- Floodland Map Preparation

The modeling and map preparation stages of the project have not yet begun. Overall, the Phase II portion of the project is about 8 percent complete. Progress is summarized in the attached Exhibits 1 and 2.

DATA ACQUISITION

During the period of July 1, 2006, through October 31, 2006, the following data acquisition activities were carried out:

- When data needs are identified as work proceeds, the acquisition of the data is coordinated with the Milwaukee Metropolitan Sewerage District (MMSD), the Wisconsin Department of Natural Resources (WDNR), the Wisconsin Department of Transportation (WisDOT), and the pertinent communities.
- Obtained field survey data from the Village of Hales Corners for two houses located along the North Branch of Whitnall Park Creek.

HYDROLOGIC AND HYDRAULIC MODELING

There were no hydrologic and hydraulic modeling activities during the reporting period.

FLOODLAND MAP PREPARATION

- The final 100-year recurrence interval floodplain and floodway boundaries were delineated along the North Branch of Whitnall Park Creek.

PROPOSED SCHEDULE FOR COMPLETION OF PHASE II

The factors that have affected, and continue to affect, the schedule for completion of Phases I and II of this project were listed in Status Report No. 6, which covers the period from January 1, 2006 through June 30, 2006.

Based on those considerations, it is planned to complete Phase II work by June 30, 2009.

* * *

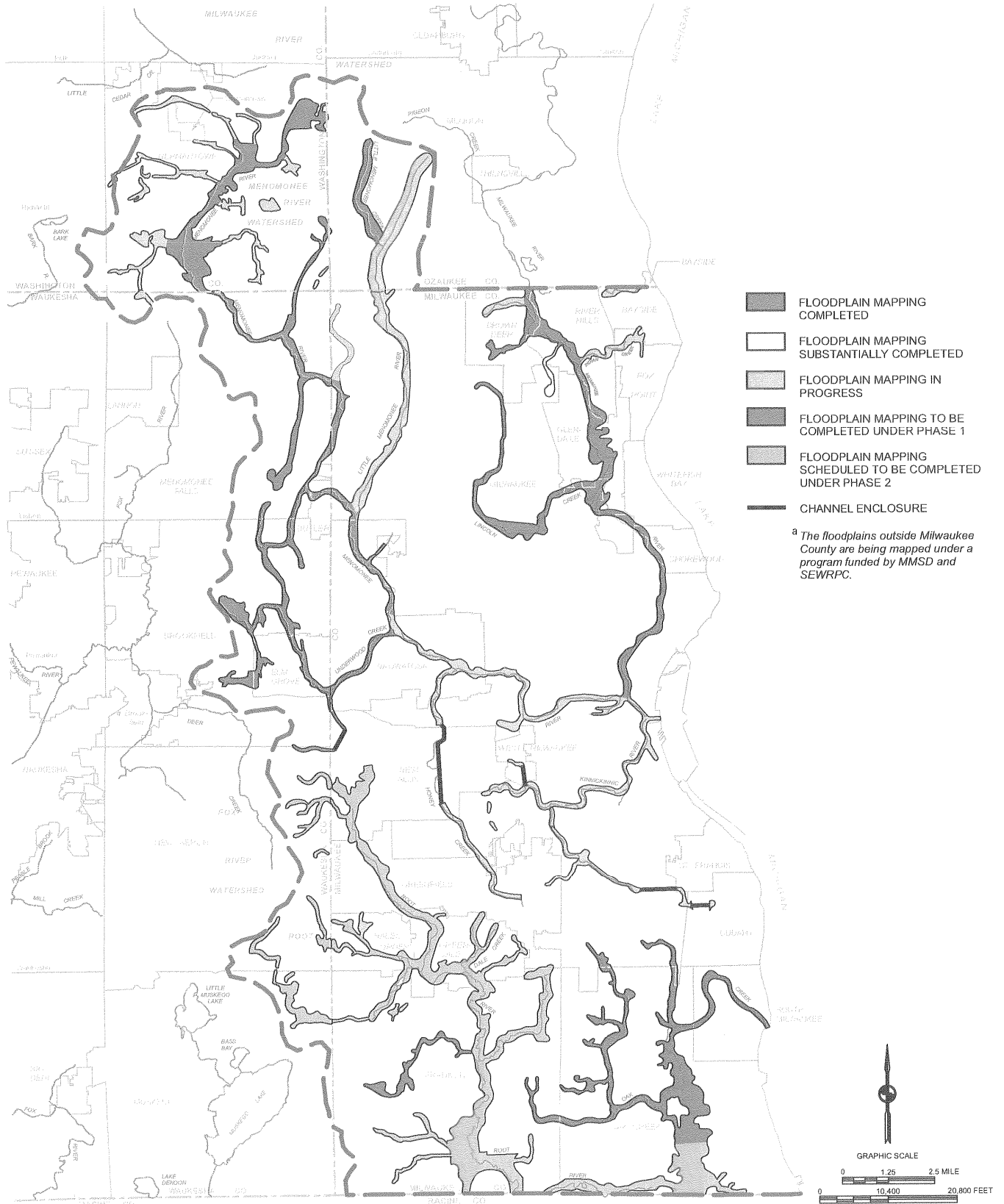
Exhibit 1

STATUS OF MCAMLIS PHASE II MILWAUKEE COUNTY FLOODLAND MAPPING PROJECT: OCTOBER 31, 2006

Major Area	Data Acquisition (percent complete)					Hydrologic and Hydraulic Modeling (percent complete)					Floodland Map Preparation (percent complete)				
	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100
Phase II															
Lake Michigan Coastal Flooded Areas						NA	NA	NA	NA	NA					
Root River Watershed															

Exhibit 2

STATUS OF FLOODPLAIN MAPPING IN MILWAUKEE COUNTY AND IN MENOMONEE AND ROOT RIVER WATERSHEDS OUTSIDE MILWAUKEE COUNTY:^a OCTOBER 31, 2006



Source: SEWRPC.

2006 Fiscal Report as of 11/20/2006 -- 1923 MCAMLIS

<u>Rev / Exp</u>	<u>Revenue / Expense Name</u>	<u>Budget Amount</u>	<u>2006 YTD Actual Amount</u>	<u>2006 YTD Encumbrance</u>	<u>2006 YTD Actual + Encumbrance</u>
3237	RETAINED FEES -- \$4.00 PORTION	\$882,400.00	\$723,215.00	\$0.00	(\$159,185.00)
3238	RETAINED FEES -- \$1.00 PORTION	\$220,600.00	\$180,963.00	\$0.00	(\$39,637.00)
	RECORD & FILING FEES	\$1,103,000.00	\$904,178.00	\$0.00	(\$198,822.00)
4999	OTHER MISC REVENUE	\$1,000.00	\$4,100.00	\$0.00	\$3,100.00
	OTHER REVENUE	\$1,000.00	\$4,100.00	\$0.00	\$3,100.00
	Total Revenues	\$1,104,000.00	\$908,278.00	\$0.00	(\$195,722.00)
5001	DIRECT LABOR CHARGED	\$0.00	\$1,325.95	\$0.00	(\$1,325.95)
	PERSONAL SERVICES	\$0.00	\$1,325.95	\$0.00	(\$1,325.95)
6040	MEMBERSHIP DUES	\$0.00	\$110.00	\$0.00	(\$110.00)
6147	PROF. SERV.-DATA PROCESS	\$25,000.00	\$4,547.55	\$0.00	\$20,452.45
6148	PROF. SERV.-RECURRING OPER	\$2,458,110.00	\$1,582,641.61	\$510,864.41	\$364,603.98
6637	R/M COMPUTER EQUIP	\$147,100.00	\$193,303.28	\$40,200.55	(\$86,403.83)
6812	MEETINGS OTHER AUTH TRAVL	\$5,000.00	\$3,447.20	\$0.00	\$1,552.80
	SERVICES	\$2,635,210.00	\$1,784,049.64	\$551,064.96	\$300,095.40
7915	COMPUTER SOFTWARE	\$33,400.00	\$219.63	\$0.00	\$33,180.37
	COMMODITIES	\$33,400.00	\$219.63	\$0.00	\$33,180.37
8558	COMPUTER EQUIPMENT-Rep>\$500	\$21,800.00	\$11,597.56	\$0.00	\$10,202.44
	CAPITAL OUTLAYS	\$21,800.00	\$11,597.56	\$0.00	\$10,202.44
9706	PRO SERV DIV SERVICES	\$280,000.00	\$245,939.26	\$0.00	\$34,060.74
9742	DAS SERVICES	\$25,000.00	\$22,916.63	\$0.00	\$2,083.37
9799	OTHER COUNTY SERVICES	\$103,594.00	\$0.00	\$0.00	\$103,594.00
	CROSSCHARGES**	\$408,594.00	\$268,855.89	\$0.00	\$139,738.11
	Total Expenses	\$3,099,004.00	\$2,066,048.67	\$551,064.96	\$481,890.37
	Grand Totals***	(\$1,995,004.00)	(\$1,157,770.67)	(\$551,064.96)	\$286,168.37

**Data from Advantage November 17, 2006 Reports

Authorized \$1.00 Fee Projects

\$1.00 Fee Authorized Projects as of November 2006

Year Authorized	Project Description	Project Amount Authorized	Amount Paid Year To Date	YTD Encumbrances	2006 Total		Complete
					Amount Paid (Encumbrances + Actual)	Remaining Unrestricted Balance	
2002	Large Format Scanner	\$13,090.00	\$13,090.00	\$0.00	\$13,090.00	\$0.00	Yes
2002	Federal Tax Lien Automated Database	\$9,800.00	\$9,800.00	\$0.00	\$9,800.00	\$0.00	Yes
2003	Improvements to Computer System	\$240,000.00	\$240,000.00	\$0.00	\$240,000.00	\$0.00	Yes
2003	Electronic Recording	\$45,000.00	\$45,000.00	\$0.00	\$45,000.00	\$0.00	Yes
2003	External Hard Drive/Two SNAP Servers	\$40,000.00	\$32,762.65	\$0.00	\$32,762.65	\$7,237.35	No
2003	Digital Images; Conversion of Microfiche	\$600,000.00	\$148,627.07	\$0.00	\$148,627.07	\$451,372.93	No
2005	Scanning A Card	\$50,000.00	\$24,014.55	\$0.00	\$24,014.55	\$25,985.45	No
2005	Improvements to Computer System II	\$250,000.00	\$115,150.26	\$0.00	\$115,150.26	\$134,849.74	No
Total		\$1,247,890.00	\$628,444.53	\$0.00	\$628,444.53	\$619,445.47	

*Data from John La Fave, Register of Deeds as of 8/24/06
11/20/06

Notes

* The conversion of microfiche project had an original authorization of \$200,000. The current project authorization is \$600,000 due to the Steering Committee approving two requests (at meetings held on 11/1/05 and 8/22/06) that increased expenditure authority for this project.

* The 2005 authorization for the improvements to the computer system was \$150,000. At the August 2006 meeting, the Steering Committee approved a \$100,000 increase in expenditure authority for this project.

\$4 Fee Summary

2006 Outstanding Commitments as of 11/17/2006
Agency 193-General Government Non-Departmental
Organization 1923-Automated Land Information System
\$4.00 Fee

Vendor Name	Description	Amount Authorized	Amount Paid - Prior Years	2006 Amount Encumbered	Amount Paid 2006 YTD	Total Amount Paid 2006		Remaining Unpaid Balance
						(Encumbrances + Actual)		
SOUTHEASTERN WI REGIONAL DIGGERS HOTLINE	MCAMLIS Floodland Mapping Phase 2	\$ 436,000.00		\$ 436,000.00	\$ -	\$ 436,000.00	\$	-
SOUTHEASTERN WI REGIONAL	DIGGERS HOTLINE	\$ 50,000.00		\$ -	\$ 50,000.00	\$ 50,000.00	\$	-
SOUTHEASTERN WI REGIONAL	SEWRPC Water Study	\$ 87,262.00		\$ -	\$ 87,262.00	\$ 87,262.00	\$	-
SOUTHEASTERN WI REGIONAL	County Surveyor3	\$ 77,175.00		\$ -	\$ 77,175.00	\$ 77,175.00	\$	-
SOUTHEASTERN WI REGIONAL	Topographic Mapping Project	\$ 3,252,710.00	\$ 1,540,695.00	\$ 329,590.00	\$ 1,026,800.00	\$ 1,356,390.00	\$	355,625.00
CITY OF MILWAUKEE	Cadastral Address Maintenance	\$ 74,915.00		\$ 57,761.25	\$ 17,153.75	\$ 74,915.00	\$	-
MILWAUKEE COUNTY	Geodatabase Migration	\$ 75,000.00		\$ -	\$ 75,000.00	\$ 75,000.00	\$	-
MILWAUKEE COUNTY	Enterprise Address System	\$ 207,000.00		\$ 8,300.00	\$ -	\$ 8,300.00	\$	198,700.00
TOTAL		\$ 4,260,062.00	\$ 1,540,695.00	\$ 831,651.25	\$ 1,333,390.75	\$ 2,165,042.00	\$	554,325.00

Data from Milwaukee County Advantage System and Gary Drent, A&E as of November 17, 2006

REQUESTED 2007 BUDGET**DEPT: MILWAUKEE COUNTY AUTOMATED LAND INFORMATION SYSTEM****UNIT NO. 1923**
FUND: General - 0001**OPERATING AUTHORITY & PURPOSE**

Pursuant to Sections 15.105(16), 16.971, 20.505(4)(im) and 59.72 of the Wisconsin Statutes and Count Board Resolution File 90-707(a), approved on November 8, 1990 the Milwaukee County Automated Land Information System (MCAMLIS) may design, develop and implement a land information system integrating property and ownership records with U.S. Public Land Survey referenced parcel-identified boundary information: prepare boundary-referenced parcel property maps suitable for producing accurate land title or survey boundary line information; and prepare maps documented accuracy suitable for local planning.

Pursuant to Section 59.43, funding for a land information office, modernization of land records and the State of Wisconsin Land Information Program and Board is collected via a \$7 surcharge are retained locally and specifically designated for expenditures associated with the creation, maintenance, and enhancement of the Milwaukee County Automated Land Information System within

guidelines established by the Wisconsin Land Information Board (WLIB). One dollar of the additional \$7 surcharge is also retained locally and specifically designated for expenditures associated with initiatives to develop and maintain a computerized indexing of the County's land information records relating to housing, including the housing element of the County's land use plan under Section 66.1001(2)(b) (Smart Growth law) also within guidelines established by the WLB. (No portions of the \$4 and \$1 surcharges are available for general County purposes.) Two dollars of the additional \$7 surcharge are forwarded to the WLIB. The County continues to retain its \$4 share of the Recording Fee.

Previous Register of Deeds Recording Fees	\$ 4
Fee for MCAMLIS	4
Fee for Land Records Modernization Initiatives	1
Fee for State Land Information Board	2
	<u>\$11</u>

BUDGET SUMMARY				
Account Summary	2005 Actual	2006 Budget	2007 Budget	2006/2007 Change
Personal Services	\$ 107,850	\$ 0	\$ 0	\$ 69,794
Services	1,947,052	640,206	710,000	
Commodities	349	33,400	5,000	(28,400)
Capital Outlay	4,217	21,800	8,000	(13,800)
County Service Charges	320,590	408,594	328,000	(80,594)
Abatements	0	0	0	0
Total Expenditures	\$ 2,830,058	1,104,000	\$ 1,051,000	\$ (53,000)
Encumbrances	483,863	0	0	0
Total Expenditures & Encumbrances	\$ 2,863,921	\$ 1,104,000	\$ 1,051,000	\$ (53,000)
State Grants	\$ 78,289	\$ 0	\$ 0	\$ 0
Sewer District & Utility Contributions	2,025	0	0	
Recording Fee Surcharge	1,207,528	1,104,000	1,051,000	(53,000)
Total Revenue	\$ 1,287,842	\$ 1,104,000	\$ 1,051,000	\$ (53,000)
Contribution to Reserve Account	\$ 0	\$ 0	\$ 0	\$ 0
Property Tax Levy	\$ 0	\$ 0	\$ 0	\$ 0

REQUESTED 2007 BUDGET

DEPT: MILWAUKEE COUNTY AUTOMATED LAND INFORMATION SYSTEM

UNIT NO. 1923

FUND: General - 0001

BUDGET HIGHLIGHTS

- This appropriation provides 2007 expenditure authority of \$1,051,000 for the Automated Land Information System. Revenue of \$840,000 is projected to be received from the \$4 surcharge collected by the Register of Deeds (ROD) earmarked for land information modernization by Section 59.72(5) of the Wisconsin Statutes. Revenue of \$210,000 is projected to be collected from the \$1 surcharge, which is also collected by the Register of Deeds. Milwaukee County is not required to provide tax levy dollars.
- Expenditure authority of \$1,051,000 is comprised of 551,825 to continue the development and maintenance of the automated base map and parcel-based land information system as provided for in the plan approved by the County Board and to undertake selected plan development work; \$210,000 to develop and maintain a computerized indexing of the County's land information records related to housing in a manner consistent with the requirements of Section 66.1001(2)(b) Wisconsin Statutes; \$77,175 for surveying services provided by the Southeastern Wisconsin Regional Planning Commission (SEWRPC) in performance of its duties as the Milwaukee County Surveyor under the requirements of Section 59.635, Wisconsin Statutes; and \$6,000 for meeting and travel expenses; 88,000 to replace/upgrade existing computer equipment, software maintenance and upgrades and data processing consulting services.

In 2005, the Architectural and Engineering (A&E) Division of the Department of Transportation and Public Works assumed the project management function for MCAMLIS from the Southeastern Wisconsin Regional Planning Commission (SEWRPC). A&E will receive \$214,000 in MCAMLIS funds for project management in 2007. These funds will provide for conceptual development of individual

projects, development of project specifications, writing contracts, preparation of invoices to draw down funds as expended, payment of subcontractors, record keeping and general maintenance of MCAMLIS data holdings. This effort has merged the County internal GIS functions with MCAMLIS. In addition, ROD will receive \$89,000 for MCAMLIS data maintenance and the Department of Administration Services will receive \$25,000 for fiscal oversight. The MCAMLIS project will be managed in accordance with Milwaukee County ordinances.

- In December 2004, the MCAMLIS Steering Committee approved a total appropriation of \$3,252,710 in existing MCAMLIS funds for a digital topographic mapping replacement project. This project will provide new topographic mapping and digital orthophotography for the entire county. This appropriation is to be divided over four years, 2005 to 2008.
- MCAMLIS has authorized up to \$400,000 for the Register of Deeds to convert microfiche images for the seven-year period 1988-1994 (approximately 2.7 million images). An additional \$150,000 is being provided to the ROD for improvements to computerized systems providing bulk access to data, linking multiple databases and eliminating property record verification backlogs.
- All departments are required to operate within their expenditure appropriations and their overall budgets. Pursuant to Section 59.60(12), Wisconsin Statutes, "NO payment may be authorized or made and no obligation incurred against the county unless the county has sufficient appropriation for payment. No payment may be made or obligation incurred against an appropriation unless the director first certifies that a sufficient unencumbered balance is or will be available in the appropriation to make the payment or to meet the obligation when it becomes due and payable. An obligation incurred and an authorization of payment in violation of this subsection is void. A county officer who knowingly violates this

REQUESTED 2007 BUDGET

DEPT: MILWAUKEE COUNTY AUTOMATED LAND INFORMATION SYSTEM

UNIT NO. 1923

FUND: General - 0001

subsection is jointly and severely liable to the
county for the full amount paid. A county

employee who knowingly violates this
subsection may be removed for cause."

MILWAUKEE COUNTY FISCAL NOTE FORM.

DATE: 11/14/06

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: 2007 MCAMLIS contract with the County of Milwaukee Department of Administrative Services for financial and contract management services.

FISCAL EFFECT:

- ☒ No Direct County Fiscal Impact
- ☒ Existing Staff Time Required
- ☐ Increase Operating Expenditures
(If checked, check one of two boxes below)
- ☐ Absorbed Within Agency's Budget
- ☐ Not Absorbed Within Agency's Budget
- ☐ Decrease Operating Expenditures
- ☐ Increase Operating Revenues
- ☐ Decrease Operating Revenues
- ☐ Increase Capital Expenditures
- ☐ Decrease Capital Expenditures
- ☐ Increase Capital Revenues
- ☐ Decrease Capital Revenues
- ☐ Use of contingent funds

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure		25,000
	Revenue		
	Net Cost		25,000
Capital Improvement Budget	Expenditure		
	Revenue		
	Net Cost		

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

- A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
- B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated.¹ If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
- C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
- D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. Adoption of the contract will authorize the procurement of MCAMLIS contract review and monitoring, financial management, and financial reporting to the Milwaukee County Department of Administrative Services (DAS). The contract will be executed from January 1, 2007 until December 31, 2007. This arrangement will allocate the performance of said administrative duties related to Steering Committee operations to DAS.

B. The 2007 contract cost to the MCAMLIS operating budget will be \$25,000. . This amount is collected through surcharge fees levied separately from, and not considered part of, the tax levy appropriated for general operating purposes.

Department/Prepared By Michael F. Compton, Fiscal & Management Analyst

Authorized Signature



Did DAS-Fiscal Staff Review? ☒ Yes ☐ No

¹ If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.

MILWAUKEE COUNTY FISCAL NOTE FORM

DATE: 11/14/06

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: 2007 MCAMLIS contract with the Milwaukee County Department of Public Works for project management services.

FISCAL EFFECT:

- ☒ No Direct County Fiscal Impact
- ☒ Existing Staff Time Required
- ☐ Increase Operating Expenditures
(If checked, check one of two boxes below)
- ☐ Absorbed Within Agency's Budget
- ☐ Not Absorbed Within Agency's Budget
- ☐ Decrease Operating Expenditures
- ☐ Increase Operating Revenues
- ☐ Decrease Operating Revenues
- ☐ Increase Capital Expenditures
- ☐ Decrease Capital Expenditures
- ☐ Increase Capital Revenues
- ☐ Decrease Capital Revenues
- ☐ Use of contingent funds

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure		305,000
	Revenue		
	Net Cost		305,000
Capital Improvement Budget	Expenditure		
	Revenue		
	Net Cost		

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

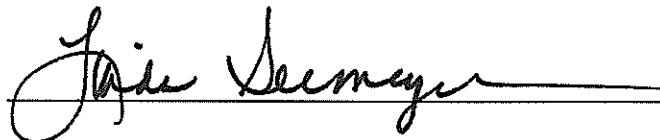
- A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
- B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated.¹ If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
- C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
- D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. Adoption of the contract will authorize the procurement of MCAMLIS project management services from the County of Milwaukee Department of Public Works (DPW). The contract will be executed from January 1, 2007 until December 31, 2007. This arrangement will compensate DPW and the Register of Deeds for all duties pursuant to the daily management of MCAMLIS projects.

B. The 2007 contract cost to the MCAMLIS operating budget will be \$305,000. The Southeastern Wisconsin Regional Planning Commission (SEWRPC) allocates \$214,000 to DPW annually for all MCAMLIS project management costs. In addition, \$89,000 of the contract amount is collected through surcharge fees levied separately from, and not considered part of, the tax levy appropriated for general operating purposes.

Department/Prepared By Michael F. Compton, Fiscal & Management Analyst

Authorized Signature



Did DAS-Fiscal Staff Review? ☒ Yes ☐ No

¹ If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.

MILWAUKEE COUNTY FISCAL NOTE FORM

DATE: 11/14/06

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: 2007 MCAMLIS contract with the City of Milwaukee Department of Administration-Information and Technology Mangement Division (ITMD) for professional and technical information technology services.

FISCAL EFFECT:

- | | |
|--|--|
| <input checked="" type="checkbox"/> No Direct County Fiscal Impact | <input type="checkbox"/> Increase Capital Expenditures |
| <input checked="" type="checkbox"/> Existing Staff Time Required | <input type="checkbox"/> Decrease Capital Expenditures |
| <input type="checkbox"/> Increase Operating Expenditures
(If checked, check one of two boxes below) | <input type="checkbox"/> Increase Capital Revenues |
| <input type="checkbox"/> Absorbed Within Agency's Budget | <input type="checkbox"/> Decrease Capital Revenues |
| <input type="checkbox"/> Not Absorbed Within Agency's Budget | |
| <input type="checkbox"/> Decrease Operating Expenditures | <input type="checkbox"/> Use of contingent funds |
| <input type="checkbox"/> Increase Operating Revenues | |
| <input type="checkbox"/> Decrease Operating Revenues | |

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure		35,258
	Revenue		
	Net Cost		35,258
Capital Improvement Budget	Expenditure		
	Revenue		
	Net Cost		

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

- A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
- B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated.¹ If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
- C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
- D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. Adoption of the contract will authorize the procurement of Cadastral and Street Address Database Management services from the City of Milwaukee Department of Administration-Information and Technology Management Division (ITMD). The contract will be executed from January 1, 2007 until December 31, 2007. This arrangement will allow data collected and repositied at the City of Milwaukee to be maintained in the same format that the County of Milwaukee uses to store and retrieve the MCAMLIS cadastral data.

B. The 2007 contract cost to the MCAMLIS operating budget will be \$35,258. This amount is collected through surcharge fees levied separately from, and not considered part of, the tax levy appropriated for general operating purposes.

Department/Prepared By Michael F. Compton, Fiscal & Management Analyst

Authorized Signature



Did DAS-Fiscal Staff Review?



Yes



No

¹ If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.

MILWAUKEE COUNTY FISCAL NOTE FORM.

DATE: 11/14/06

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: 2007 MCAMLIS contract with the Southeastern Wisconsin Regional Planning Commission (SEWRPC) for professional staff services necessary to act in the capacity of County Surveyor.

FISCAL EFFECT:

- ☒ No Direct County Fiscal Impact
- ☒ Existing Staff Time Required
- ☐ Increase Operating Expenditures
(If checked, check one of two boxes below)
- ☐ Absorbed Within Agency's Budget
- ☐ Not Absorbed Within Agency's Budget
- ☐ Decrease Operating Expenditures
- ☐ Increase Operating Revenues
- ☐ Decrease Operating Revenues
- ☐ Increase Capital Expenditures
- ☐ Decrease Capital Expenditures
- ☐ Increase Capital Revenues
- ☐ Decrease Capital Revenues
- ☐ Use of contingent funds

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure		77,175
	Revenue		
	Net Cost		77,175
Capital Improvement Budget	Expenditure		
	Revenue		
	Net Cost		

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

- A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
- B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated.¹ If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
- C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
- D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. Adoption of the contract will authorize the procurement of SEWRPC services to perform duties pursuant to the responsibilities of County Surveyor. The contract will be executed from January 1, 2007 until December 31, 2007. This arrangement will require SEWRPC to record and maintain a file of all land survey plats, perpetuate the corners of the U.S Public Land Survey system, provide guidance and counsel to the MCAMLIS Steering Committee, provide technical support and guidance to the MCAMLIS staff, and to maintain for inspection and copying all records associated with its function as Milwaukee County Surveyor.

B. The 2007 contract cost to the MCAMLIS operating budget will be \$77,175. This amount is collected through surcharge fees levied separately from, and not considered part of, the tax levy appropriated for general operating purposes.

Department/Prepared By Michael F. Compton, Fiscal & Management Analyst

Authorized Signature



Did DAS-Fiscal Staff Review?



Yes



No

¹ If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.

**MILWAUKEE COUNTY AUTOMATED MAPPING AND LAND INFORMATION SYSTEM
STAFF REPORT ON PICTOMETRY**

NOVEMBER 28, 2006

REPORT TO THE MCAMLIS STEERING COMMITTEE

BACKGROUND

At the MCAMLIS Steering Committee meetings held on February 7th, 2006 and continued on July 11th, 2006, the committee considered a proposal presented by the City of Milwaukee to undertake acquisition and licensing of Pictometry as a complimentary digital aerial photo based product that could possibly be used to augment and extend the utility of existing high resolution digital ortho-photography. Justification cited at these meetings, suggested that Pictometry's oblique image orientation combined with unlimited access to licensed viewing software constituted a readily capable and low cost form of GIS. As further represented, through demonstrations and inquiries, it was reasoned that the imagery is both affordable and with proper support and planning, may be assimilated into numerous operational pursuits underway throughout the county.

To be sure, the 'Pictometry' product has caught the attention of a wide range of land information user constituencies throughout Milwaukee County including the Intergovernmental Coordinating Council (ICC), Milwaukee County Sheriffs Department, City of Milwaukee Police and Assessors Departments. Of primary interest is the capacity to view structure elevations and other resolvable topographic features from each cardinal direction, the crisp color image quality, and the apparent ease of use supported by the availability of Pictometry's 'EFS' viewing software. Of particular interest, especially for assessor, planning, permitting, and public safety is the ability to make ready use of existing GIS data e.g., property boundaries and street centerline, to aid in navigating to areas of interest and delineation of property feature boundaries for a myriad of public sector operational needs.

Following discussion by the Committee at the July 11th meeting, including a request by the ICC, suggesting that the MCAMLIS Committee favorably consider the proposal, the Committee moved to request that MCAMLIS Staff provide a report to the Committee on the utility of this product as it may relate to the

furtherance of the MCAMLIS program and to make recommendations to the Committee accordingly.

This report sets forth the comments, observations and recommendations of MCAMLIS Staff to the MCAMLIS Steering Committee.

UTILITY FOR FURTHERANCE OF THE MCAMLIS PROGRAM

Of primary importance, to the Committee, is the ongoing value and utility of this product as it may relate to existing data holdings and on-going Milwaukee County mapping projects e.g., the digital orthographic, the topographic, and the cadastral base mapping programs currently underway. Because the Committee has invested extensively in these products over many years, it is important that consideration of these be included, in the report, especially in light of the possible need to provide on-going funding for these and possibly other comprehensive land information products into the future.

INTEGRATION WITH MCAMLIS PRODUCTS

Pictometry is, for most purposes, a standalone product having little similarity to the aforementioned MCAMLIS program efforts. Where MCAMLIS has, in the past, emphasized integration across its supported products, the Pictometry product does not have the ability to be fully integrated. This limitation is due, primarily, to Pictometry's unique camera orientation and proprietary image format, along with a specialized storage and retrieval structure.

Notwithstanding there are considerable opportunities to make use of MCAMLIS products along side Pictometry images and, as mentioned earlier, Pictometry has made it technically possible to import and/or access MCAMLIS data e.g., property boundary, street network and topographic data and combine these with Pictometry images.

UTILITY FOR ENGINEERING AND MAPPING APPLICATIONS

Pictometry does provide a form of digital ortho-photography that is more closely aligned with the MCAMLIS digital orthographic base. At present, the Pictometry orthographic products appear to not compare favorably with the current MCAMLIS products for purposes of large scale engineering and mapping applications. Pictometry acknowledges this limitation and is making efforts to incorporate more accurate ortho-rectification methods that utilize locally obtained elevation and survey control information. In light of these improvements, it is conceivable that MCAMLIS could elect to evaluate the option of obtaining future ortho-photo base mapping products combined with oblique imagery as a component of the MCAMLIS ongoing ortho-photo update program.

DEPLOYMENT

Initial deployment and ongoing support need to be considered with regard to the addition of Pictometry to the MCAMLIS suite of supported products. As with each of the existing MCAMLIS base mapping products there are three(3) basic methods of deployment, either; 1) via a secure web access; 2) a local network; and/or 3) via a standalone workstation. At present, MCAMLIS has, with limited success, provided support for its products via the latter two options.

Although MCAMLIS has recently made 'Web Mapping Presence' a priority initiative by including this objective in the recently adopted 2005 Milwaukee County Land Information Plan, there is presently no suitable capability in place to support a countywide web enabled Pictometry solution. This can certainly be said with regard to the other MCAMLIS products, but nonetheless, web capabilities of sufficient quality and robustness are at least 6 to 12 months away.

Notwithstanding, a Countywide Web deployment would likely be the preferred method to expose this technology to the greatest overall benefit. This is especially true if the MCAMLIS objective is to provide for uniform and ubiquitous user access and to minimize the need for managing ongoing support. Alternatively, it is not entirely clear that the suburban communities will be able to make ready use of locally installed copies of Pictometry imagery and software without incurring at least some additional costs. Ultimately these costs could be minimized and would depend on local demand and expectations. For example, while researching other locales that recently acquired Pictometry it was noted that large file size and limited network speed impacted the user experience and that, in at least some situations, the product was found to be best implemented in a standalone workstation environment.

Unfortunately, the web enabling capabilities supported by Pictometry have only recently begun to be integrated into commonly supported GIS web mapping environments and these capabilities need to be improved before they can be viewed as robust enough to serve the County. This being said, the current state of at least one major GIS industry leader support for web based mapping remains somewhat in flux due to pending wholesale changes that are to be released imminently. With regard to web deployment, suffice it to say that it would be prudent to wait for unknowns and technical issues to resolve themselves in the market place before adopting a web deployment posture of the Pictometry product in a wholesale manner for at least the near term.

ONGOING SUPPORT

As to ongoing support, it is unclear what may be expected or required of MCAMLIS if access to Pictometry is not centrally supported via the web. In this regard there are logistical and material issues that would need to be considered e.g., determining who or what organizations would receive copies, what software and hardware capabilities and compatibilities exist, and/or whether there is a need or desire for standardized components and/or whether these would be expected to be procured and managed in an organized fashion. With nineteen (19) communities each having Public Safety entities including police, fire and EMS; each having administrative and operational functions including assessor, building inspection and public works; and each having a public information and health and human services responsibilities it could easily become onerous to manage. Managing this will undoubtedly come at some expense, especially, if deployment limitations and expectations are not meshed properly.

With regard to the web environment, excluding the initial cost of between \$65k and \$130k to meet the overall needs of providing a properly sized Countywide MCAMLIS supported 'Web Mapping Service' the incremental cost of adding Pictometry would add at least \$5k to 10k more to any proposed web environment. Beyond that, it can be expected that ongoing integration and support of a web based Pictometry environment would incur an annual cost of between \$2k and \$5k.

A compelling reason leading to a decision focusing on web deployment is that within this environment it will not be necessary to specify the individual user constituencies and capacities beyond requiring that they each have a minimum level of internet capacity and access. This will both guarantee that every community needing access will be supported and, as the overall user base expands, the support posture will be scalable. Likewise, this approach insures that it can grow incrementally to meet increased demand.

ADHERENCE TO MILWAUKEE COUNTY LAND INFORMATION PLAN OBJECTIVES

The approved 2005 Milwaukee County Land Information Plan includes the following relevant text on page 15, paragraph 4 under the heading:

E. Foundational Elements and Statewide Standards

2. Geographic Reference Frameworks

- Image Bases

*'The MCAMLIS program may consider acquiring and/or cost sharing programs e.g., to obtain high resolution **oblique** or LIDAR photo-imagery. Applications and use of this type of imagery are considered useful for purposes of planning, in-office field inspection and change detection. Further investigation of this will be undertaken as need and interest is brought to the attention of the MCAMLIS Steering Committee.'*

There are no specific objectives (in the plan) to acquire imagery of any type other than what may be required to supplement the maintenance of topographic mapping. Notwithstanding, the MCAMLIS Steering Committee has authorized full and partial funding of digital B/W ortho-photography in 1995, 2000 and beginning in 2004 it has approved the following expenditures for high resolution color ortho-photography:

- \$175,455 to acquire 6" pixel resolution digital orthographic coverage of Milwaukee County spanning the years 2004 & 2005 to support the topographic mapping replacement project objective;
- \$53,072 to acquire re-sampled 12" to 6" pixel resolution digital orthographic coverage for portions of Milwaukee County in 2005;
- \$4,034 to acquire 12" pixel resolution digital orthographic coverage for the entirety of Milwaukee County (flight to be in spring 2007)
- \$1,813 to acquire 6" pixel resolution digital orthographic coverage of the Marquette Interchange (flight to be in spring 2009)

Major portions of Milwaukee County have been flown or will be flown in each of the years 2004, 2005, 2007 and 2009. In addition, 2010 marks the beginning of the next Regional Planning Commission 5 year planning cycle which requires a benchmark flight of the southeastern regions 7 county area. Assuming that an annual imagery capture cycle is wanted and/or needed this leaves 2006 and 2008 open to the possibility of additional coverage.

Regarding 2006, Windows Live Local, a free web map server provided as a part of Microsoft's Windows Live online applications services suite released a Pictometry "Birds Eye" view of Milwaukee County based on early '06 photography. Windows Live Local features user points of interest that can be stored and shared, tracking of traffic conditions across the county and map navigation in 3D including 3D models for buildings.

As a result of the Pictometry 2006 Milwaukee County imagery obtained and funded by Microsoft, the City of Milwaukee Assessor's Office was able to obtain restricted access to Pictometry's 2006 imagery for an annual license fee of \$8,016. This contract restricts access of the full use of the imagery to be used by Assessors throughout the county.

OBSERVATIONS

Beginning with the first release in 1995, high accuracy imagery has become increasingly available to all manner of public sector endeavor. MCAMLIS has funded a significant portion of this and through its distribution network of local communities has provided access, free of charge to all of Milwaukee County local government. Notwithstanding the recently released 2005, 6" pixel resolution color ortho-photography being the best of all prior efforts has not elicited nearly the excitement that has accompanied the proposed Pictometry product. With regard to this, it is quite possible that the interest may be more a factor of niche marketing than of truly being a superior product.

It is fair to say that a good number of the communities that have received the 2005 ortho product have not made those images available to their user communities in a manner that would satisfy the least of their operations. Having said this, it is doubtful that without some effort by MCAMLIS, both materially and otherwise e.g., through countywide leadership, that the full range of benefit that could be derived from this, or perhaps other MCAMLIS products, will be included as part of every community's common experience. Needless to say, local interest will need to be cultivated into a more meaningful collaboration with MCAMLIS to derive full value of its products.

Assuming that MCAMLIS were to support some form of this proposal, it appears that the most appropriate timing of this support would not duplicate efforts that are already underway. In this regard, 2008 would be the first opportunity to reasonably acquire new imagery since this would fill the only gap in the years from 2004 through 2010 where MCAMLIS will not have arranged for an image based acquisition.

OPTIONS

The following three (3) options are presented and can be considered independent of each other:

1. **Countywide Assessor**, underwrite the City of Milwaukee Assessor at \$8,014 in each year of a 2 year contract through September 2008. There would be minimal ongoing Pictometry support requirements and the experience could be used to establish cost savings benefits to countywide assessor operations. Web services are not indicated at this time.
2. **Funding a 2008 flight**, as an extension to the existing MCAMLIS imagery capture program. This would include either full or partial funding (see note) up to \$47,808 per year for 2 years through 2009. Assuming 'Web support'

would be required, an additional \$5k to \$10k is needed to incorporate this into a MCAMLIS Countywide Web Service.

3. **Delayed Funding**, this option would have MCAMLIS continue its current imagery capture schedule without providing immediate support for Pictometry. The existing image program would continue with consideration of partial or full funding (see note) of Pictometry as part of the 5 year regional planning cycle scheduled for 2010.

Note: All partial funding options include a 50% MCAMLIS match with the remainder of suggested partial funding, prorated based on municipal area or by the number of parcels per community as described in Appendix A. Other options for distributing funding could be established or considered e.g., depending on fairness and use considerations.

RECOMMENDATION

Staff is recommending immediate consideration of **Option 1: Countywide Assessor** which requires underwriting the first year of the City of Milwaukee's Assessor's 2 year contract. This is a very low cost entry point option and allows MCAMLIS the possibility of experiencing Pictometry through the county's assessor function. In exchange for this consideration, *the City will need to agree* to provide a report to the MCAMLIS Steering Committee that describes, among other things, the ROI and other tangible and intangible benefits accrued to County Assessors through the utility of Pictometry over the period of 9/2006 through 9/2007.

Following in September/October 2007 it is recommended that MCAMLIS consider **Option 2: Funding a 2008 flight**. At this point, the utility and value of Pictometry will have been established. Assuming a favorable assessment by the County's Assessors, MCAMLIS and the ICC would jointly consider establishing the proper funding mechanism and deployment strategy for a new 2 year contract. This also implies that the City of Milwaukee's final \$8,016 payment under contract with Pictometry will be renegotiated, assuming the approval of a new countywide contract.

In late 2009, consideration of **Option 3: Delayed Funding** will make it possible to take advantage of the County's experience through 2009. Assuming that the Pictometry image quality and accuracy can meet the Regional Planning Commission's 2010 Orthographic product specifications, it is possible that the contract could be renewed and funded through mutual consideration of the interested party's (MCAMLIS, ICC, SEWRPC) involved at the time.

Appendix A: Annual Pictometry License Fee (Prorated Alternatives)

<i>Municipality</i>	<i>Number Of Parcels</i>	<i>Area in Square Miles</i>	<i>Parcel Density per Square Mile</i>	<i>% of Total Area</i>	<i>% of Total Parcels</i>	<i>Annual Cost as a % of Area</i>	<i>Annual Cost as a % of Parcels</i>
Bayside	1,163	2.3	506.7	0.9%	0.4%	\$226	\$106
Brown Deer	3,386	4.4	770.8	1.8%	1.3%	\$433	\$309
Cudahy	5,658	4.8	1,185.8	2.0%	2.2%	\$470	\$516
Fox Point	2,698	2.9	944.5	1.2%	1.0%	\$282	\$246
Franklin	10,230	34.7	294.9	14.3%	3.9%	\$3,418	\$934
Glendale	4,780	6.0	801.4	2.5%	1.8%	\$588	\$436
Greendale	4,566	5.6	819.0	2.3%	1.7%	\$549	\$417
Greenfield	10,181	11.6	880.6	4.8%	3.9%	\$1,139	\$929
Hales Corners	2,570	3.2	804.0	1.3%	1.0%	\$315	\$235
Milwaukee	150,862	96.7	1,560.6	39.9%	57.6%	\$9,527	\$13,766
Oak Creek	9,761	28.4	343.5	11.7%	3.7%	\$2,800	\$891
River Hills	895	5.3	167.9	2.2%	0.3%	\$525	\$82
Shorewood	3,583	1.6	2,255.7	0.7%	1.4%	\$157	\$327
South Milwaukee	6,549	4.8	1,354.4	2.0%	2.5%	\$477	\$598
St. Francis	2,996	2.6	1,164.9	1.1%	1.1%	\$253	\$273
Wauwatosa	16,403	13.2	1,240.1	5.5%	6.3%	\$1,304	\$1,497
West Allis	19,573	11.4	1,718.2	4.7%	7.5%	\$1,123	\$1,786
West Milwaukee	1,179	1.1	1,047.8	0.5%	0.5%	\$111	\$108
Whitefish Bay	4,923	2.1	2,338.3	0.9%	1.9%	\$207	\$449
<i>Totals</i>	261,956	243	1,063	100%	100%	\$23,904	\$23,904

AGREEMENT

between

THE MILWAUKEE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS AND THE MILWAUKEE COUNTY AUTOMATED MAPPING AND LAND INFORMATION SYSTEM STEERING COMMITTEE

THIS AGREEMENT, entered into this ____ day of _____, 2006, by and between the Milwaukee County Department of Transportation and Public Works (hereinafter referred to as the "County"; and the Milwaukee County Automated Mapping and Land Information System Steering Committee (hereinafter referred to as the "Steering Committee").

WITNESSETH:

WHEREAS, by Resolution No. 88-379, the Milwaukee County Board of Supervisors requested the Southeastern Wisconsin Regional Planning Commission to conduct a feasibility study pertaining to an automated mapping and land information system; and

WHEREAS, the requested feasibility study was completed and documented in SEWRPC Community Assistance Planning Report No. 177, Feasibility Study for a Milwaukee County Automated Mapping and Land Information System, published in October 1989; and

WHEREAS, by resolution adopted on November 8, 1990, the Milwaukee County Board of Supervisors, working in cooperation with the utilities concerned, created a public-private partnership to implement the proposed Milwaukee County automated mapping and land information system, including creation of a Steering Committee to provide oversight in the implementation of the system recommended in SEWRPC Community Assistance Planning Report No. 127; and

WHEREAS, the aforementioned Milwaukee County resolution adopted on November 8, 1990, further authorized the execution of a Cooperative Agreement between Milwaukee County and the public and private utilities serving Milwaukee County, whereby the County and such utilities agreed to jointly fund the development of the Milwaukee County automated mapping and land information system), such Agreement delegating to the aforementioned Steering Committee full responsibility for all policy matters relating to the conduct of the work program, including proposed contracts and specifications and the selection of contractors; and

WHEREAS, the Steering Committee on September 14, 2004, formally authorized the County to accept the responsibilities of Project Manager for the implementation of the recommended automated mapping and land information system;

NOW, THEREFORE, in consideration of the mutual promises of each agency made to the other, the fulfillment of the terms and conditions, agreements, and understandings hereinafter set forth,

I. Scope of Work

In general, the County agrees to perform all of the tasks specified herein. Other tasks to be completed by the County not covered herein will be carried out under separate agreements.

The County will provide the professional staff services, including the services of a Project Manager, necessary to manage the Milwaukee County automated mapping and land information system projects throughout the duration of this agreement, and beyond subject to amendment of this agreement. This responsibility includes the identification and recommendation of work projects to be carried out under the MCAMLIS program. The preparation and submittal of grant applications to the Wisconsin Land Information Board on behalf of the MCAMLIS Steering Committee, the fiscal management of MCAMLIS projects, and the quality control of end products produced under MCAMLIS contracts and subcontracts. The County will serve as staff to the Steering Committee in the preparation for and the carrying out of its meetings.

The County agrees to perform day-to-day operations services attendant to the Milwaukee County automated mapping and land information system until the end of the period specified in this contract. This will include housing and maintenance of the MCAMLIS produced end products, update of cadastral and street address databases, handling requests for the distribution of MCAMLIS produced products as approved by the Steering Committee, and researching and implementing hardware and software data transfer protocols and standards. Additionally, the County will supply routine maintenance as required in the housing of MCAMLIS data, and continue to integrate new materials created under MCAMLIS projects as they become available.

In addition to the services described above, the County will be responsible for developing and managing any and all sub-contacts to qualified engineering firms participating in the conduct of MCAMLIS mapping projects. Furthermore, the MCAMLIS Project Manager as an employee of the County will serve as liaison to the MCAMLIS attorney related to the development of the MCAMLIS data sharing policy, and in matters pertaining to the copyright of MCAMLIS derived products.

II. Timing

All services to be performed under this Agreement shall be carried out over the period beginning January 1, 2007, and ending on December 31, 2007.

III. Compensation to County

The Steering Committee shall pay to the County the following amounts for those services described above:

SERVICES PROVIDED	AMOUNT
Project Management and Related Operating Services (DTPW)	\$214,000
MCAMLIS Cadastral and Street Address Database Maintenance (ROD)	\$ 89,000
Total	\$305,000

IV. Method of Compensation

Compensation is to be provided to the Department of Transportation and Public Works (DTPW) and the Register of Deeds (ROD) for services performed through the County MCAMLIS Program Org. 1923. DTPW and ROD will request on a quarterly (March 31, June 30, September 30, December 31) basis reimbursement for said services provided. The Milwaukee County Department of Administration (DAS) will administer all journal vouchers as deemed necessary to Orgs. 5081 and 3430 for those services that they provided during the course of carrying out its responsibilities.

If, during the course of carrying out the work elements identified herein, additional unanticipated work efforts not identified in the scope of work contained herein become necessary for successful project completion in the judgment of the County or in the judgment of the Steering Committee, then it is agreed that the County can request an amendment to the scope of work, with an attendant increase in the maximum amount payable to the County under this Agreement. Such an amendment would require the approval of both the County and the Steering Committee before becoming effective.

V. Support and Materials to be Provided by Others

It is assumed that the members of the Steering Committee, on behalf of their respective public agencies and private utilities, agree to make available without charge to the County all existing digital and hardcopy maps, documents, reports, legal records, and related materials deemed by the County to be needed to carry out its responsibilities under this Agreement. If this assumed level of cooperation does not materialize, then it is agreed that the County may, at its discretion, request

payment from the Steering Committee for these costs above and beyond the total amount set forth in Section III of this Agreement.

VI. Ownership of Data

The County agrees not to release such data to others without the prior consent of the Steering Committee. At the end of the Agreement, the County agrees to turn over to a designated MCAMLIS Project Manager all materials and computer hardware and software acquired and/or developed as a part of this Agreement.

VII. Subcontracts

The County and Steering Committee agree that it may be desirable to perform certain of the tasks associated with work projects conducted during the life of this Agreement through subcontracts with qualified firms. In addition, it is envisioned that subcontracts may be required for the acquisition of computer hardware and software and communication devices. The County agrees to bring any such subcontracts to the Steering Committee for its approval prior to execution.

VII. Indemnity

Except for acts done or taken at the direction of or pursuant to the Steering Committee policy or procedures, the County agrees to the fullest extent permitted by law, to indemnify, defend and hold harmless, the Steering Committee, and its agents, officers and employees, from and against all loss or expense including costs and attorney's fees by reason of statutory benefits under Worker Compensation Laws, and/or liability for damages including suits at law or in equity, caused by any wrongful, intentional, or negligent act or omission of the County, or it's (their) agents which, may arise out of or are connected with the activities covered by this agreement.

IX. Insurance

The County, as an agency of the state, is self-funded for liability (both public and property) under Section 893.82 and Section 895.46 (1) of the Statutes. As a result, such protection as is afforded under respective Wisconsin Statutes, is applicable to officers, employees, and agents while acting within the scope of their employment or agency. Since this is statutory indemnification, there is no liability policy as such that can extend protection to any other.

X. Authorization

The Steering Committee approved the execution of this Agreement by action taken on _____, 2006.

IN WITNESS WHEREOF, This Agreement executed the date and year first above written.

FOR: **MILWAUKEE COUNTY**

FOR: **MILWAUKEE COUNTY
AUTOMATED MAPPING AND LAND
INFORMATION SYSTEM STEERING
COMMITTEE**

George A. Torres, Director Date
Department of Transportation and Public Works

Kurt W. Bauer, Chairman Date

WITNESSED BY:

WITNESSED BY:

Date

Date

**APPROVED AS TO FORM BY
CORPORATION COUNSEL**

Bill Domina Date
Corporation Counsel

REVIEWED AS TO INSURANCE REQUIREMENTS

Judith Litscher Date
Risk Management Coordinatorr

APPROVED WITH REGARDS TO COUNTY ORDINANCE CHAPTER 42

Freida Webb, Director Date
Community Business Development Partners

AGREEMENT
Between
**THE MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES AND
THE MILWAUKEE COUNTY AUTOMATED MAPPING AND LAND INFORMATION SYSTEM STEERING
COMMITTEE**

THIS AGREEMENT, entered into this _____ day of _____, 2006 by and between the Milwaukee County Department of Administrative Services (hereinafter referred to as the “County”); and the Milwaukee County Automated Mapping and Land Information System Steering Committee (hereinafter referred to as the “Steering Committee”).

WITNESSETH:

WHEREAS, by Resolution No. 88-379, the Milwaukee County Board of Supervisors requested the Southeastern Wisconsin Regional Planning Commission (SEWRPC) to conduct a feasibility study pertaining to an automated mapping and land information system; and

WHEREAS, the requested feasibility study was completed and documented in SEWRPC Community Assistance Planning Report No. 177, Feasibility Study for a Milwaukee County Automated Mapping and Land Information System, published in October 1989; and

WHEREAS, by Resolution No. 90-707 (a) adopted on November 8, 1990, the Milwaukee County Board of Supervisors, working in cooperation with the utilities concerned, created a public-private partnership to implement the proposed Milwaukee County Automated Mapping and Land Information System, including creation of a Steering Committee to provide oversight in the implementation of the system recommended in SEWRPC Community Assistance Planning Report No. 127; and

WHEREAS, the aforementioned Milwaukee County resolution adopted on November 8, 1990, further authorized the execution of a Cooperative Agreement between Milwaukee County and the public and private utilities serving Milwaukee County, whereby the County and such utilities agreed to jointly fund the development of the Milwaukee Committee full responsibility for all policy matters relating to the conduct of the work program, including proposed contracts and specifications and the selection of contractors; and

WHEREAS, the Steering Committee on November 16, 2004, formally authorized the County to charge-administrative costs associated with the implementation of the recommended automated mapping and land information system;

NOW, THEREFORE, in consideration of the mutual promises each agency has made to the other and in the fulfillment of the terms and conditions, agreements, and understandings hereinafter set forth,

I. Scope of Work

In general, the County agrees to perform the following administrative duties related to the Steering Committee operations. Other tasks to be completed by the County not covered herein will be carried out under separate agreements.

- ◆ Contract Review-Each contract (and all contract addenda) the Steering Committee enters into must be fully reviewed and approved by the offices of Corporation Counsel, Risk Management, and Office of Community Business Development Partners (formerly Disadvantaged Business Development).
- ◆ Contract Encumbering & Payment Processing – Each contract must be encumbered and invoices against those contracts must be processed involving staff within the Department of Administrative Services, including the Director, a Fiscal and Management Analyst and staff within the Accounts Payable unit. In addition, Department of Administrative Services staff is responsible for processing fund transfers and/or journal vouchers, as necessary.
- ◆ Contract Monitoring – Staff within the Department of Administrative Services must also ensure that invoices are applied to the appropriate encumbered contract.
- ◆ Monthly Cash Flow Statements – Department of Administrative Services staff also prepares and presents monthly cash flow statements on the MCAMLIS reserve at Steering Committee meetings.

- ◆ Oversight of any of the aforementioned responsibilities may, at times, involve the County's Controller.

II. Timing

All services to be performed under this Agreement shall be carried out over the period beginning January 1, 2007 and ending on December 31, 2007

III. Compensation to County

The Steering Committee shall pay \$25,000 to the County for those services described above.

IV. Method of Compensation

Compensation is to be provided to the Department of Administrative Services for services performed for the Steering Committee. DAS shall submit a single invoice in the amount of \$25,000 to the Steering Committee for approval. If, during the course of carrying out the work elements identified herein, additional unanticipated work efforts not identified in the scope of work contained herein become necessary for successful project completion in the judgment of the County or in the judgment of the Steering Committee, then it is agreed that the County can request an amendment of the scope of work, with an attendant increase in the maximum amount payable to the County under this Agreement. Such an amendment would require the approval of both the County and the Steering Committee before becoming effective.

V. Support and Materials to be Provided by Others

It is assumed that the members of the Steering Committee, on behalf of their respective public agencies and private utilities, agree to make available without charge to the County all existing digital and hardcopy maps, documents, reports, legal records, and related materials deemed by the County to be needed to carry out its responsibilities under this Agreement. If this assumed level of cooperation does not materialize, then it is agreed that the County may, at its discretion, request payment from the Steering Committee for these costs above and beyond the total amount set forth in Section III of this Agreement.

VI. Ownership of Data

The County agrees not to release such data to others without the prior consent of the Steering Committee. At the end of the Agreement, the County agrees to turn over to a designated MCAMLIS Project Manager all materials and computer hardware and software acquired and/or developed as a part of this Agreement.

VII. Subcontracts

The County and Steering Committee agree that it may be desirable to perform certain of the tasks associated with work projects conducted during the life of this Agreement through subcontracts with qualified firms. In addition, it is envisioned that subcontracts may be required for the acquisition of computer hardware and software and communication devices. The County agrees to bring any such subcontracts to the Steering Committee for its approval prior to execution.

VIII. Indemnity

Except for acts done or taken at the direction of or pursuant to the Steering Committee policy or procedures, the County agrees to the fullest extent permitted by law, to indemnify, defend and hold harmless, the Steering Committee, and its agents, officers and employees, from and against all loss or expense including costs and attorney's fees by reason of statutory benefits under Worker Compensation Laws, and/or liability for damages including suits at law or in equity, caused by any wrongful, intentional, or negligent act of omission of the County, or its (their) agents which, may arise out of or are connected with the activities covered by this agreement.

IX. Insurance

The County, as an agency of the state is self-funded for liability (both public and property) under Section 893.82 and Section 895.46 (1) of the Statutes. As a result, such protection as is afforded under respective Wisconsin Statutes, is applicable to officers, employees, and agents while acting within the scope of their employment or agency. Since this is statutory indemnification, there is no liability policy as such that can extend protection to any other.

X. Authorization

The Steering Committee approved the execution of this Agreement by action taken on _____.

IN WITNESS WHEREOF, This Agreement executed the data and year first above written.

ATTESTING WITNESS

By: _____

MILWAUKEE COUNTY

By _____
Linda Seemeyer, Director
Department of Administrative Services

ATTESTING WITNESS

**MILWAUKEE COUNTY AUTOMATED
MAPPING AND LAND INFORMATION
SYSTEM STEERING COMMITTEE**

By _____
MCAMLIS Project Manager

By _____
Kurt W. Bauer, Chairman

APPROVED AS TO FORM

By _____
William J. Domina (Date)
Milwaukee County Corporation Counsel

REVIEWED AS TO INDEMNIFICATION AND INSURANCE

By _____
Judith Litscher (Date)
Milwaukee County Department of Administrative Services, Division of Risk Management

APPROVED AS TO CHAPTER 42 DBE PROVISIONS

By _____
Frieda F. Webb (Date)
Milwaukee County Office of Community Business Development Partners

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AGREEMENT

THIS AGREEMENT, entered into this ____ day of _____, 2006, by and between the Southeastern Wisconsin Regional Planning Commission (hereinafter referred to as the "Commission"); and the Milwaukee County Automated Mapping and Land Information System Steering Committee (hereinafter referred to as the "Steering Committee").

WITNESSETH:

WHEREAS, under Section 59.74 of the Wisconsin Statutes, the Commission serves as the County Surveyor for Milwaukee County; and

WHEREAS, under the requirements of this legislation, the Commission is responsible for receiving, indexing, and filing as a public record, a copy of each land survey plat prepared by a land surveyor registered in the State of Wisconsin; and

WHEREAS, under the further requirements of this legislation, the Commission is also made responsible for the perpetuation of the corners of the U.S. Public Land Survey which may be subject to destruction, removal, or burial through construction or other activities and for maintaining a record of the surveys for such perpetuation; and

WHEREAS, the activities of the Milwaukee County Surveyor are essential to the development and maintenance of the Milwaukee County Automated Mapping and Land Information System (MCAMLIS); and

WHEREAS, the Milwaukee County Board of Supervisors has determined that the expenses associated with the Milwaukee County surveyor function should be paid from the annual operating budget of the MCAMLIS project; and

WHEREAS, Sections 66.0309 (12)(b) and 66.0301 of the Wisconsin Statutes authorize the Commission to enter into contracts with local units of government and their agents to make and implement studies and plans and to otherwise provide advice and services.

NOW, THEREFORE, in consideration of these premises and of their mutual and dependent promises and agreements, the parties hereto contract and agree as follows:

I. Scope of Work

The Commission will provide the professional staff services as necessary to act in the capacity of County Surveyor for Milwaukee County pursuant to the provisions of Section 59.635 of the Wisconsin Statutes. More specifically, under this agreement, the Commission, acting in the capacity of the Milwaukee County Surveyor, will perform the following functions:

- A. Record and maintain a file of all land survey plats prepared by land surveyors for parcels in Milwaukee County. An estimated 2,000 such land surveys are prepared and filed annually. Such surveys are essential to the maintenance effort required to keep the MCAMLIS cadastral maps up-to-date.
- B. Perpetuate the corners of the U.S. Public Land Survey system throughout Milwaukee County. Such corners frequently are subject to destruction, removal, and burial through construction or other activities. The perpetuation work includes periodic inspection of the system of approximately 2,200 monuments and attendant reference benchmarks and witness marks, the removal and/or replacement of such monuments and reference benchmarks and witness marks either directly or through the supervision of others conducting such activities, and undertaking both horizontal and vertical control surveys to ensure the integrity of the reference framework that is critical to the automated mapping base established for Milwaukee County. An estimated 100 monuments and benchmarks are serviced annually.
- C. Provide guidance and counsel to the Milwaukee County Automated Mapping and Land Information System Steering Committee through service on that committee.
- D. Provide technical support and guidance to the staff assigned to develop and maintain the Milwaukee County automated mapping and land information system program.

II. Commission to Organize and Store Information Acquired by County Surveyor

In order to facilitate convenient use of the land survey records concerned by land surveyors, abstractors, assessors, appraisers, attorneys, engineers and other interested parties, the Commission agrees to maintain an orderly filing and retrieval capability for the land surveys and to cross reference all files of surveys under five headings. The five reference headings are:

- A. Numerically by U.S. Public Land survey township, range, section, quarter section, and record of survey.
- B. Alphabetically by minor civil division (city or village).
- C. Alphabetically by the property owner or client for whom the survey was completed.
- D. Alphabetically by the name of the land surveyor employed by the property owner or client.
- E. Chronologically by the date of the survey.

The Commission further agrees to maintain in an orderly manner, records of individual U.S. Public Land Survey Corners (dossier sheets), and records (control survey summary diagrams) of horizontal and vertical control surveys that have been run over the U.S. Public Land survey corners.

- III. Commission to Act as Custodian for all Milwaukee County Surveyor Records
The Commission agrees to maintain for inspection and copying as public documents, all records associated with its functions as the Milwaukee County Surveyor. The Commission further agrees to provide access to the data contained in the five lists identified in paragraph 2 above through its Regional Land Information website.
- IV. Steering Committee to Receive Copies of Records
The Commission shall furnish to the Steering Committee, as necessary for the pursuit of its responsibilities, copies of the records created and maintained by the Milwaukee County Surveyor.
- V. Compensation
The Steering Committee through Milwaukee County shall pay to the Commission the sum of \$77,175 as full payment for the services described herein.
- VI. Method of Compensation
The Commission shall submit a single invoice in the amount of \$77,175 to Milwaukee County. The County, on behalf of the Steering Committee, shall pay to the Commission the amount shown on the invoice upon receipt of said invoice.
- VII. Timing
The work to be performed under this Agreement shall be carried out over the period from January 1, 2007, through December 31, 2007.
- VIII. Indemnity
Except for acts done or taken at the direction of or pursuant to the Steering Committee policy or procedures, the Commission agrees to the fullest extent permitted by law, to indemnify, defend and hold harmless, the Steering Committee, and its agents, officers, and employees from and against all loss or expense including costs and attorney's fees by reason of statutory benefits under Worker Compensation Laws, and/or liability for damages including suits at law or in equity, caused by any wrongful, intentional, or negligent act or omission of the Commission, or its agents which may arise out of or are connected with the activities covered by this agreement.
- IX. Insurance
The Commission, as an agency of the State, is self-funded for liability under Section 893.82 and Section 895.46(1) of the Statutes. As a result, such protection as is afforded under respective Wisconsin Statutes, is applicable to officers, employees, and agents while acting within the scope of their employment or agency. Since this is statutory indemnification, there is no liability policy as such that can extend protection to any other.
- X. Records and Audits
The Commission shall allow Milwaukee County, the Milwaukee County Department of Audit, or any other party that Milwaukee County may name, when and as they demand, to audit, examine, and make copies of, excerpts or transcripts from, any records or other information directly relating to matters under this agreement. Any subcontracting by the

Commission in performing the duties described under this contract shall subject the subcontractor and/or associates to the same audit terms and conditions as the Commission. The Commission (or any subcontractor) shall maintain and make available to Milwaukee County the aforementioned audit information for no less than three years after the conclusion of each contract term.

XI. Independent Contractor

Nothing contained in the Agreement shall constitute or be construed to create a partnership or joint venture between Milwaukee County or its successors or assigns; the Steering Committee or its successors or assigns; and the Commission or its successors or assigns. In entering into this Agreement, and in acting in compliance herewith, the Commission is at all times acting and performing as an independent contractor, duly authorized to perform the acts required of it hereunder.

XII. Authorization

The Steering Committee approved the execution of this Agreement by action taken on November 28, 2006.

IN WITNESS WHEREOF, the Commission and the Steering Committee have executed this Agreement, as of the date first above written.

ATTESTING WITNESS

By _____
Philip C. Evenson
Deputy Secretary

**SOUTHEASTERN WISCONSIN
REGIONAL PLANNING COMMISSION**

By _____
Thomas H. Buestrin
Chairman

ATTESTING WITNESS

By _____
William C. Shaw
Project Manager

**MILWAUKEE COUNTY AUTOMATED
MAPPING AND LAND INFORMATION
SYSTEM STEERING COMMITTEE**

By _____
Kurt W. Bauer
Chairman

APPROVED AS TO FORM

By _____
William J. Domina (Date)
Milwaukee County Corporation Counsel

**REVIEWED AS TO
INDEMNIFICATION AND INSURANCE**

By _____
John R. Rath (Date)
Milwaukee County Department of Risk Management

**APPROVED AS TO CHAPTER 42
DBE PROVISIONS**

Frieda F. Webb (Date)
Milwaukee County DBD Director

AGREEMENT

between

THE CITY OF MILWAUKEE DEPARTMENT OF ADMINISTRATION, INFORMATION AND TECHNOLOGY MANAGEMENT DIVISION AND THE MILWAUKEE COUNTY AUTOMATED MAPPING AND LAND INFORMATION SYSTEM STEERING COMMITTEE

THIS AGREEMENT, entered into this _____ day of _____, 2006, by and between the City of Milwaukee Department of Administration, Information and Technology Management Division (hereinafter referred to as the "City"); and the Milwaukee County Automated Mapping and Land Information System Steering Committee (hereinafter referred to as the "Steering Committee").

WITNESSETH:

WHEREAS, by Resolution No. 88-379, the Milwaukee County Board of Supervisors requested the Southeastern Wisconsin Regional Planning Commission to conduct a feasibility study pertaining to an automated mapping and land information system; and

WHEREAS, the requested feasibility study was completed and documented in SEWRPC Community Assistance Planning Report No. 177, "Feasibility Study for a Milwaukee County Automated Mapping and Land Information System," published in October 1989; and

WHEREAS, by resolution adopted on November 8, 1990, the Milwaukee County Board of Supervisors, working in cooperation with the utilities concerned, created a public-private partnership to implement the proposed Milwaukee County automated mapping and land information system, including creation of a Steering Committee to provide oversight in the implementation of the system recommended in SEWRPC Community Assistance Planning Report No. 127; and

WHEREAS, the aforementioned Milwaukee County resolution adopted on November 8, 1990, further authorized the execution of a Cooperative Agreement between Milwaukee County and the public and private utilities serving Milwaukee County, whereby the County and such utilities agreed to jointly fund the development of the Milwaukee County automated mapping and land information system), such Agreement delegating to the aforementioned Steering Committee full responsibility for all policy matters relating to the conduct of the work program, including proposed contracts and specifications and the selection of contractors; and

WHEREAS, the City Enterprise Information Manager serves as a member of the aforementioned Steering Committee and the City actively participates in implementation of the MCAMLIS; and

WHEREAS, the City desires the financial support of the MCAMLIS program to maintain the cadastral maps within the City of Milwaukee to ensure conformance with selected MCAMLIS standards; and

WHEREAS, on August 26, 1999, the City, the Steering Committee, and the Commission, through an assignment, entered into an Intergovernmental Cooperation Agreement (ICA) whereby the City would provide technical services to the Steering Committee; and

WHEREAS, the Steering Committee on September 14, 2004, formally authorized the County to accept the responsibilities of Project Manager for the implementation of the recommended automated mapping and land information system;

NOW, THEREFORE, in consideration of the mutual promises of each agency made to the other, the fulfillment of the terms and conditions, agreements, and understandings hereinafter set forth,

I. Scope of Work

In general, the City agrees to perform all of the tasks specified herein. Other tasks to be completed by the City not covered herein will be carried out under separate agreements.

The City will provide professional and technical information technology services. This will include maintenance on cadastral maps and the street address database in the adopted Milwaukee County geodatabase format. Copies of the data will be delivered to the MCAMLIS project manager at a minimum bi-annually. This arrangement will allow data collected and housed at the City of Milwaukee to be maintained in the same format that the County of Milwaukee uses to store and retrieve the MCAMLIS cadastral data.

Should software data transfer protocols and standards be developed, the City will work with Milwaukee County staff to deliver the cadastral and street address data on a more frequent basis.

II. Timing

All services to be performed under this Agreement shall be carried out over the period beginning July 1, 2007, and ending on December 31, 2007.

III. Compensation to City

The Steering Committee shall pay to the City the following amounts for those services described above:

SERVICES PROVIDED	AMOUNT
MCAMLIS Cadastral and Street Address Database Maintenance	\$ 35,258
Total	\$ 35,258

IV. Method of Compensation

Compensation is to be provided to the Department of Administration Information and Technology Management Division (ITMD) for services performed through the County MCAMLIS Program Org. 1923. ITMD will request on a quarterly (September 30, December 31) basis reimbursement for said services provided.

If, during the course of carrying out the work elements identified herein, additional unanticipated work efforts not identified in the scope of work contained herein become necessary for successful project completion in the judgment of the City or in the judgment of the Steering Committee, then it is agreed that the City can request an amendment to the scope of work, with an attendant increase in the maximum amount payable to the City under this Agreement. Such an amendment would require the approval of both the City and the Steering Committee before becoming effective.

V. Support and Materials to be Provided by Others

It is assumed that the members of the Steering Committee, on behalf of their respective public agencies and private utilities, agree to make available without charge to the City all existing digital and hardcopy maps, documents, reports, legal records, and related materials deemed by the City to be needed to carry out its responsibilities under this Agreement. If this assumed level of cooperation does not materialize, then it is agreed that the City may, at its discretion, request payment from the Steering Committee for these costs above and beyond the total amount set forth in Section III of this Agreement.

VI. Ownership of Data

As the funds that are to be paid to the City for carrying out the herein described and required work are MCAMLIS project funds, the City agrees to share the data. The City, however, will retain sole ownership of all map files as they exist in the City digital structure. As a condition of receiving payment from MCAMLIS, the City agrees that MCAMLIS will be free to use, reproduce, modify, display, and distribute the digital map files in the MCAMLIS digital structure.

The City will retain a nonexclusive, irrevocable and perpetual license to use and distribute the digital map files to any parties it desires.

VII. Subcontracts

Although the City does not anticipate use of subcontractors, the City agrees to bring any such subcontracts to the Steering Committee for its approval prior to execution.

VIII. Indemnity

Except for acts done or taken at the direction of or pursuant to the Steering Committee policy or procedures, the City agrees to the fullest extent permitted by law, to indemnify, defend and hold harmless, the Steering Committee, and its agents, officers and employees, from and against all loss or expense including costs and attorney's fees by reason of statutory benefits under Worker Compensation Laws, and/or liability for damages including suits at law or in equity, caused by any wrongful, intentional, or negligent act or omission of the City, or it's (their) agents which, may arise out of or are connected with the activities covered by this agreement.

IX. Authorization

The Steering Committee approved the execution of this Agreement by action taken on _____, 2006.

IN WITNESS WHEREOF, This Agreement executed the date and year first above written.

FOR: CITY OF MILWAUKEE

**FOR: MILWAUKEE COUNTY
AUTOMATED MAPPING AND LAND
INFORMATION SYSTEM STEERING
COMMITTEE**

Randolf A Gschwind Date
Information and Technology Management
Division

Kurt W. Bauer, Chairman Date

WITNESSED BY:

WITNESSED BY:

Date

Date

W. Martin Morics Date
City of Milwaukee Comptroller

**REVIEWED AS TO INSURANCE
REQUIREMENTS**

**APPROVED AS TO FORM BY
CORPORATION COUNSEL**

Judith Litscher Date
Risk Management Coordinator

Bill Domina Date
Corporation Counsel

APPROVED WITH REGARDS TO COUNTY ORDINANCE CHAPTER 42

Freida Webb, Director Date
Community Business Development Partners



Golda Meir Library
PO Box 604
Milwaukee, WI
53201-0604
414 229-4785 *phone*
www.uwm.edu/Libraries

August 18, 2006

William Shaw
MCAMLIS Project Manager
Milwaukee County Department of Transportation and Public Works
City Campus - Room 427
2711 W. Wells St.
Milwaukee WI. 53208

Dear William Shaw:

In December of 2000, the University of Wisconsin-Milwaukee Libraries signed a license agreement for non-commercial use of the Milwaukee County Automated Mapping and Land Information System data. Previous to signing the license the Libraries had requested that the part of clause 7 which related to indemnification be struck. The University of Wisconsin-Milwaukee, as a state institution, can not commit to indemnify, defend and hold harmless parties other than its employees. When this request was rejected, the only way this license could be signed and the data accessed by our students was for us to get additional liability insurance. Currently we are spending \$2900 a year on insurance to cover this liability. This places a burden on an already strained university budget. Could the Committee reconsider dropping this clause or revising it in the licensing agreement so we could possibly drop this expensive solution? I would be happy to work with you on alternative language or other solutions if the Committee agrees to revisit the issue. Thank you for considering our request.

Best regards,

A handwritten signature in cursive script that reads "Karen Jander".

Karen Jander
Head, Serials Dept.
University of Wisconsin-Milwaukee Libraries

M

MILWAUKEE AREA PUBLIC WORKS OFFICIALS ASSOCIATION

A

October 3, 2006

P

Mr. Bill Shaw
GIS Supervisor/MCAMLIS Project Manager
Milwaukee County
Department of Transportation and Public Works
2711 West Wells Street, Fourth Floor
Milwaukee, WI 53208

W

Dear Bill:

On behalf of the Milwaukee Area Public Works Officials Association (MAPWOA) membership, I would like to offer our belated thanks for your presentation at the monthly meeting on Thursday, September 21, 2006. It was very interesting and informative. We appreciate the time you took out of your schedule to speak to our Association.

O

Sincerely,

Michael F. Pertmer / for

Michael F. Pertmer
Chairman, MAPWOA

A

Director of Public Works
City of West Allis

cc: Scott Brandmeier, Fox Point

h:\my documents\mapwoa\corr

Greg High/DPW/Milwaukee
County

08/24/2006 07:49 AM


To Bill Shaw/DPW/Milwaukee County@MILWCO

cc Gary Drent/DPW/Milwaukee County@milwco

bcc

Subject Fw: City- County- WisDOT Agenda 8/24

History:

 This message has been forwarded.

FYI

----- Forwarded by Greg High/DPW/Milwaukee County on 08/24/2006 07:49 AM -----



"Gilliam, Tracy"
<tracy.gilliam@dot.state
.wi.us>

08/23/2006 06:06 PM

To: "GHigh@milwcnty.com" <GHigh@milwcnty.com>

cc:

Subject: RE: City- County- WisDOT Agenda 8/24

Greg,

At this point, the best projected completion date I can provide, under the most ideal conditions (continued good weather, no manufacture strikes or major project accident) is fall of 2008. The latest projected substantial completion date is still December 2008.

If the mapping data is collected during the spring of 2008, based on the current schedule a couple of system ramps (EN, ES) and structure units of IH-794 W.B. will not be completed.

The best time to perform the aerial photography to capture a vast majority of the Marquette Interchange Project would be the fall of 2008, or spring of 2009.

If you have any additional questions, feel free to contact me.

Tracy P. GILLIAM, P.E.
Marquette Interchange Project
Design Project Manager
414-750-1562 cell number

-----Original Message-----

From: GHigh@milwcnty.com [mailto:GHigh@milwcnty.com]

Sent: Wednesday, August 23, 2006 3:24 PM

To: Gilliam, Tracy

Cc: SSmith@milwcnty.com

Subject: Re: City- County- WisDOT Agenda 8/24

Tracy:

We had a Milwaukee County Automated Mapping and Land Information System (MCAMLIS) steering committee meeting yesterday. The committee has hired SEWRPC

to provide updated topographic and planimetric data for the entire County land area. The last phase of this work will include collection of data to capture the completed reconstruction of the Marquette Interchange and the Canal Street corridor west to Miller Park.

Can you tell me what the latest projected substantial completion date for the Marquette Interchange Reconstruction project is? SEWRPC would like to perform the aerial photography in the Spring of 2008.

Please advise.

Greg High, P.E.
Director, AE&ES Division
Milwaukee County Department of Transportation and Public Works (DTPW)
Milwaukee County City Campus
2711 W. Wells St., 2nd floor
Milwaukee, WI 53208
(414) 278-4943
(414) 223-1366 (fax)